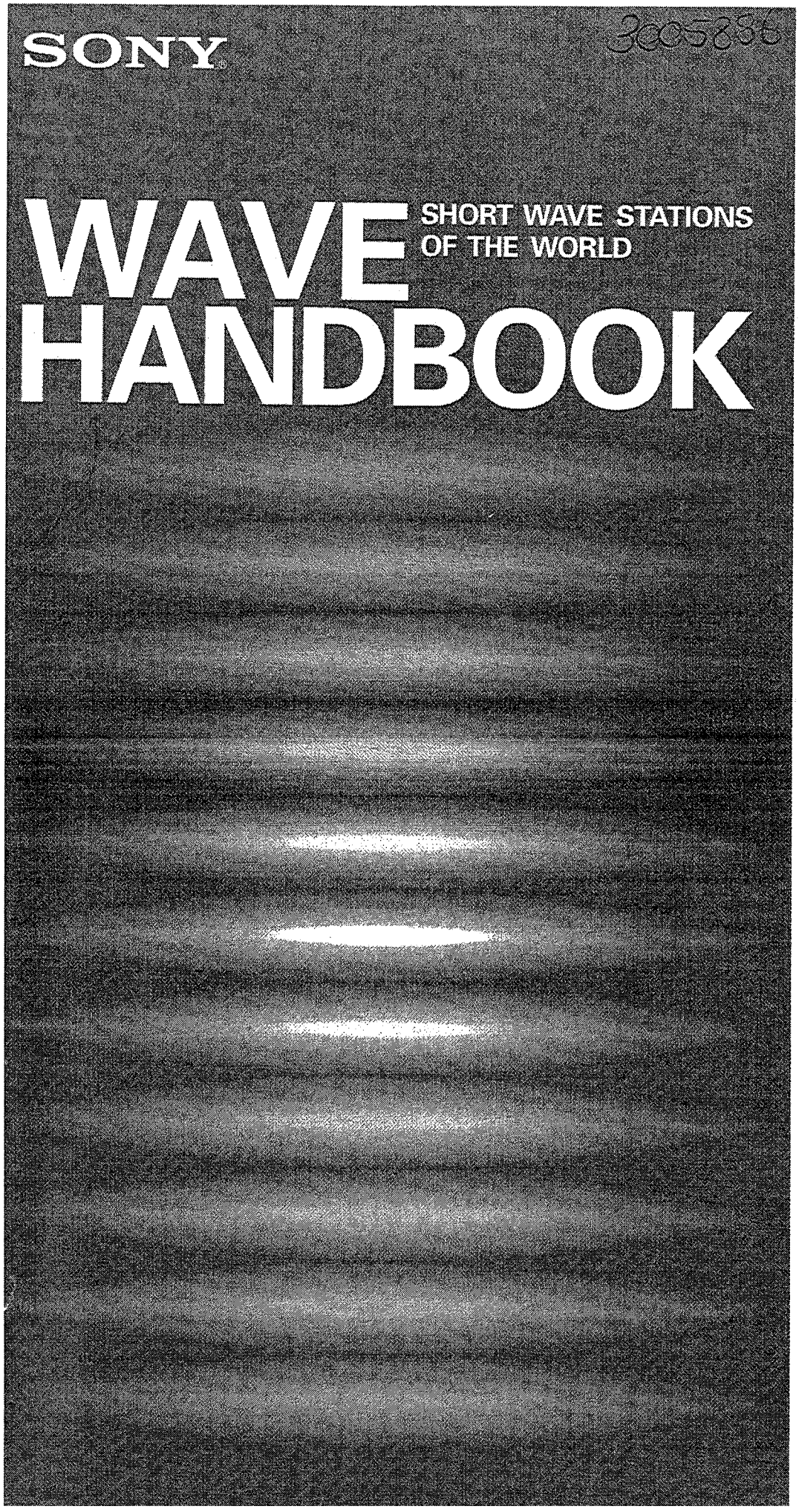
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WAVE HANDBOOK

SHORT WAVE STATIONS OF THE WORLD



DIRECTIONS

This Wave Handbook lists major radio broadcasting stations operating in the world. LW, MW, and FM transmissions are listed in alphabetical order by name of country. Major broadcasting stations in the major cities of each particular country are listed.

Shortwave transmissions are arranged in alphabetical order by name of country, and target areas for transmissions are listed vertically on each page (as per example below).

These areas are Europe, the Middle East, Asia and Oceania, Africa and North and South America. It is, however, possible at times to receive transmissions destined for reception in a nearby area. It is to be noted also, that shortwave reception is affected by various factors, including sunspots, atmospheric conditions and other propagation disturbances. Thus, it is not always possible to receive each frequency indicated in this handbook.

Many broadcasting stations change frequencies to coincide with the seasons or for other reasons. Detailed information on each broadcasting station may be obtained by making a request to the individual station.

All times are indicated in UTC (GMT). All LW, MW, and SW frequencies are in kHz and FM frequencies in MHz.

Regulations mandate international broadcasting to use SW; however, there are some stations which broadcast over LW, MW, and FM. This list includes those stations also.

It is also possible to identify a station by its frequency.

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Rue Ismail Quemal, Tirana.

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●Radiodiffusion Algerienne
21, Blvd. des Martyrs, Aigiers.

ANGOLA ____ 21
●Radio Nacional de Angola (RNA)
C. P. 1329, Luanda.

ANTARCTICA ____ 21
●American Forces Antarctica Network (AFAN)
AFAN McMurdo, US Naval Support Force Antarctica, Fleet Post Dffice,
San Francisco, CA 96601 U.S.A.
●Radio Nacional Arcangel San Gabriel (RNA) ____ 21
Bace Antarctica Esperanza, C.P.9411, Antarctica Argentina.

ARGENTINA ____ 21
●Radiodifusion Argentina al Exterior
P.O.Box 555, Buenos Aires 1000.

ARMENIA ____ 22
●Radio Yerevan
5 Mravian Street, Yerevan, 375025.

AUSTRALIA ____ 23
●Radio Australia
P.O. Box 755, Glen Waverly, Victoria 3150.

AUSTRIA ____ 24
●Radio Austria International
P.O.Box 200, A-1043, Vienna.

AZERBAIJAN 24
●Radio Dada Gorgud / Voice of Azerbaijan
Ul. M. Guzeina 1, Baku 370011.

BANGLADESH 25
●Radio Bangladesh
Shahbag Avenue, Dhaka 2.

BELARUS 25
●Radio Minsk
Ul. Krasnaya 4, Minsk 220807.

BELGIUM 25
●Radio Vlaanderen Internationaal
P.O.Box 26, 1000 Brussels.

BOSNIA HERCEGOVINA 26
●Radio Bosnia Hercegovina
Sarajevo.

BOTSWANA 26
●Radio Botswana
Gaborone.

BRAZIL 26
●Radio Bras
P.O.Box 1620, Brasilia.

BULGARIA 27
●Radio Bulgaria
4 Bb. Dragan Tsankov, Sofia.

CAMBODIA 27
●National Voice of Cambodia (NVC)
28 Avenue Sandech Chon Nath, Phnom Penh.

CAMEROON 28
●Cameroon Radio Television (CRTV)
B.P.1634, Yaounde.

CANADA 28
●Radio Canada International (RCI)
P.O.Box 6000, Montreal H3C 3A8.

CHILE 29
●Voice of Chile
P.O.Box 244V, Santiago.

CHINA 30
●China Radio International (CRI)
2 Fuxingmenwai Street, Beijing 100866, China.

COLOMBIA 32
●Radio Nacional
Via del Aeropuerto, El Dorado, Bogota.
●Caracol de Colombia 32
Ap. A. 9291, Bogota.

CONGO 33
●Radiodiffusion Television Congolaise (RTC)
B.P.2241, Brazzaville.

COSTA RICA 33
●Faro del Caribe (TIFC)
Ap. 2710, 1000 San Jose.

CROATIA 33
●Croatian Radio
Dezmanova 10, 41000 Zagreb.

CUBA 33
●Radio Havana Cuba
Apartado 7026. La Havana.

CZECH REPUBLIC 34
●Radio Prague (Radio Praha)
Praha 2, 12099 Vinohradska.

DENMARK 35
●Radio Denmark
Radio House Rosenorns Alle 22 1999, Copenhagen.

DOMINICAN REPUBLIC 35
●Radio Amanecer International
Apt 1500, Santo Domingo.

ECUADOR 36
●Voice of the Andes (HCJB)
Casilla 691, Quito.

EGYPT 36
●Radio Cairo
P.O.Box 1186, Cairo.

ERITREA 37
●Voice of the Broad Masses of Eritrea
Asmara, Eritrea.

ESTONIA 37
●Radio Estonia
Gonsiori 21, EE-0100 Tallinn.

ETHIOPIA 38
●Voice of Ethiopia
P.O.Box 1020, Addis Ababa.

FINLAND 38
●Radio Finland
Kesakatu 2, 00260, Helsinki, 26.

FRANCE 39
●Radio France International
B.P.9516, 75016 Paris, Cedex 16.

GEORGIA 40
●Radio Georgia
Ul. M. Kostava 68, Tbilisi 380071.

GERMANY 41
●Deutsche Welle
50588 Köln, Germany.
●Radio Free Europe (RFE) 44
Oettingenstrasse 67, 8000 Munich 22.
●Radio Liberty (RL) 45
Oettingenstrasse 67, 8000 Munich 22.

GHANA 45
●Radio Ghana (GBS)
P.O.Box 1633, Accra.

GREECE 46
●Voice of Greece
P.O.Box 60019, GR-153 10 Aqhia Paraskevi, Athens.

GUATEMALA 46
●Radio Tezulutlan
16901 Coban.

GUINEAN REPUBLIC 47
●Radiodiffusion Television Guineenne
B.P.391, Conakry.

HOLLAND 47
●Radio Nederland
P.O.Box 222, 1200JG, Hilversum.

HUNGARY ____ 48
●Radio Budapest
Brody Sandor 5-7, H-1800 Budapest.

INDIA ____ 49
●All India Radio
Post Box 500, New Delhi, 110001.

INDONESIA ____ 50
●Voice of Indonesia
P.O.Box 157, Jakarta.

IRAN ____ 50
●Voice of Islamic Republic of Iran
P.O.Box 41-3456, Tehran.

IRAQ ____ 51
●Radio Iraq International
Salihiya, Baghdad.

ISRAEL ____ 52
●Israel Broadcasting Authority
P.O.Box 7139, Jerusalem.

ITALY ____ 53
●Italian Radio (RAI)
Casella Postale 320, Rome.

IVORY COAST ____ 54
●Radiodiffusion Television Ivoirienne
B.P.V191, Abidjan 01.

JAPAN ____ 54
●Radio Japan
NHK Center, 2-2-1, Jinnan, Shibuya-ku, Tokyo 150-01.
●Nihon Short Wave Broadcasting Company Limited (NSB) Radio Tanpa ____ 56
1-9-15, Akasaka, Minato-ku, Tokyo.

JORDAN ____ 56
●Radio Jordan
P.O.Box 909, Amman.

KAZAKHSTAN ____ 56
●Radio Alma Ata
Ul. Mira 175-A, Alma Ata 480013.

KENYA ____ 57
●Voice of Kenya
Box 30456, Nairobi.

KIRGHIZIA ____ 57
●Kirgyz Radio
Molodaya Gvardiya 63, Bishkek 720300.

KOREAN PEOPLE'S DEMOCRATIC REPUBLIC ____ 57
●Radio Pyongyang
Korean Central Broadcasting Committe, Pyongyang.

KOREAN REPUBLIC ____ 58
●Radio Korea
18 Yeoido-dong, Yeondeungpo-gu, Seoul 150-790.

KUWAIT ____ 59
●Radio Kuwait
P.O.Box 193, Safat 13002, Kuwait.

LAOS ____ 60
●National Radio of Laos
B.P.310, Vientiane.

LATVIA ____ 60
●Radio Latvia International
P.O.Box 266, Riga.

LEBANON 60
●Voice of Lebanon
P.O.Box 165271, Ashrafieh, Beirut.
●Voice of Hope 60
P.O.Box 77, Metuliah, Israel.

LESOTHO 60
●Radio Lesotho
P.O.Box 552, Maseru 100.

LIBERIA 61
●ELBC
P.O.Box 594, 1000 Monrovia 10.

LIBYA 61
●Libyan Jamahiriyah Broadcasting
P.O.Box 333 Tripoli.

LITHUANIA 61
●Radio Vilnius
Knonarskio 49, LT-2674, Vilnius.

LUXEMBOURG 62
●Radio Luxembourg
Villa Louvigny, Luxembourg.

MALAYSIA 62
●Voice of Malaysia
P.O.Box 11272, Kuala Lumpur.
●Radio Malaysia Sabah 62
P.O.Box 1016, Kota Kinabalu.
●Radio Malaysia Sarawak 62
Jalan Satok Kuching.

MALTA 63
●Voice of the Mediterranean
P.O.Box 143, Valletta, Malta.

MEXICO 63
●Radio Mexico International (RMI)
AP. 19-737, 03900 Mexico, DF.

MOLDOVA 63
●Radio Moldova International
Soseaua Hincestilor 64, Chisinau 277028.

MONACO 63
●Trans World Radio (TWR)
B.P.349, MC-98007, Monaco.

MONGOLIA 64
●Radio Ulaanbaatar (RUB)
C.P.O.Box 365, Ulan Bator.

MOROCCO 64
●Radiodiffusion Television Marocaine
1, Rue El Brihi, Rabat.

MYANMAR 64
●Radio Myanmar
G.P.O.Box 1432, Yangon.

NEPAL 65
●Radio Nepal
P.O.Box 634, Singha Durbar, Kathmandu.

NEW ZEALAND 65
●Radio New Zealand International
P.O.Box 2092, Wellington.

NIGERIA 65
●Voice of Nigeria
PMB.12504, Ikoyi, Lagos.

NORWAY 65
●Radio Norway International
Bj. Bjornsons Plass 1, 0340 Oslo 3.

PAKISTAN 66
●Radio Pakistan
P.O.Box 443, Karachi.

PAPUA NEWGUINEA 67
●National Broadcasting Commission (NBC)
Box 1359, Boroko.

PERU 67
●Radio Nacional
Av.Petit Thouars 441, Lima.

PHILIPPINES 67
●Radyo Pilipinas
Esquerra Avenue, Diliman, Quezon City, Metro Manila 1103.
●Far East Broadcasting Company (FEBC) 68
Box 2041, Manila.
●Radio Veritas Asia 68
P.O.Box 939, Manila.

POLAND 68
●Polskie Radio Warsaw
Al Niepodleglosci 77/85, 00-950 Warsaw.

PORTUGAL 69
●Radio Portugal
Rua S. Marcal 1, 1200 Lisboa.

ROMANIA 70
●Radio Romania International
P.O.Box 111, Bucharest.

RUSSIA 71
●Radio Moscow
Pyatnitskaya 25, 113326 Moscow.
●AWR Russia 77
P.O.Box 170, 300000 Tula Centre.
●FECB 77
P.O.Box 2128, 680020 Khabarovsk 20.
●Radio Alpha&Omega 77
Mukomolnyy Proyed 1-2, 123290 Moscow.
●Radio Aum-Shinrikyo 77
381-1, Hitoana, Fujinomiya, Shizuoka 481-01, Japan.
●Radio Centre 77
Nikolskaya Street 7, 103012 Moscow.
●Radio Galaxy 77
P.O.Box 7, 117418 Moscow.
●Radio Lena 77
Semena Dezhneva 75-4, 677002 Yakutsk.
●Radio Nadezhda 77
Pyatnitskaya 25, 113326 Moscow.
●Radio Pamyat 77
P.O.Box 23, 113535 Moscow.
●Radio Radonezh 77
Pyatnitskaya 25, 113326 Moscow.
●Radio Shark 77
Prospekt Oktyabraya 56/1, 450054 Ufa 54
●Radio Vostok 77
Lenina 4, 680013 Khabarovsk.
●University Network 77
P.O.Box 1, Los Angeles, CA, 90053, USA.

SAUDI ARABIA 78
●Broadcasting Service of the Kingdom of Saudi Arabia
P.O.Box 570, Riyadh 1116.

SEYCHELLES 78
●Far East Broadcasting Association (FEBA)
Box 234 Mahe.

SINGAPORE 79
●Radio Singapore International (RSI)
P.O.Box 5300, Singapore 9128.

SLOVAKIA 79
●Slovak Radio International (SRI)
Mytnal, 81290 Bratislava, Slovakia.

SOUTH AFRICA 80
●Channel Africa
P.O.Box 4559, Johannesburg.

SPAIN 80
●Radio Exterior de España
Aptdo(P.O.Box)156. 202, 28080, Madrid.

SRI LANKA 81
●Sri Lanka Broadcasting Corporation
P.O.Box 574, Torrington Square, Colombo 7.

SWAZILAND 81
●Swazi Radio
P.O.Box 23114, Joubert Park, 2044 South Africa.
●Trans World Radio (TWR) 82
P.O.Box 64, Manzini.

SWEDEN 82
●Radio Sweden
S-10510, Stockholm.

SWITZERLAND 83
●Swiss Radio International
Giacomettistrasse 1, CH-3000, Bern 15.

SYRIAN ARAB REPUBLIC 84
●Syrian Broadcasting and Television Organization
Ommayad Square, Damascus.

TAIWAN 84
●Voice of Free China
53 Jen Ai Road, Section 3, Taipei City 106-28.
●Voice of Asia 86
P.O.Box 880, Kaohsiung.

TAJIKISTAN 86
●Tajik Radio
Bezhod 7A, Dushanbe 743024.

TANZANIA 86
●Radio Tanzania
P.O.Box 9191, Dar es Salaam.

THAILAND 87
●Radio Thailand
Huaykhwang, Dindaeng, Bangkok 10400.

TURKEY 87
●Voice of Turkey
P.O.Box 333, Ankara.

TURKMENIA 88
●Turkmen Radio
Kurortnaya 3, Ashkhabad 744024.

UGANDA 88
●Radio Uganda
P.O.Box 7142, Kampala.

UKRAINE 89
●Radio Ukraine International
26,Kreschatik Avenue, Kiev.

UNITED ARAB EMIRATES 90
●Voice of the United Arab Emirates
P.O.Box 63, Abu Dhabi.
●UAE Radio 90
P.O.Box 1695. Dubai.

UNITED KINGDOM 91
●British Broadcasting Corporation (BBC)
Bush House, Strand, London WC2B 4PH.

UNITED NATIONS 97
●United Nations Radio
New York, N.Y.10017, USA.

UNITED STATES OF AMERICA (USA) 97
●Voice of America (VOA)
Washington, DC 20547.
●KHBI ●WCSN ●WSHB 101
P.O.Box 860, Boston, MA.02123.
●KSDA 101
P.O.Box 7500, Agat, Guam 96928.
●KTBN 101
P.O.Box 7040, Salt Lake City, UT.84107.
●Family Stations (WYFR) 101
290 Hegenberger Road, Oakland, CA.94621.
●KFBS 101
P.O.Box 209, Saipan, CM.96950.
●KWHR 101
P.O.Box 12, South Bend, IN. 46624.
●WEWN 101
P.O.Box 100234, Birmingham, AL. 35210.
●KCBI 102
Dallas, TX.75221.
●KGEI 102
Box 15, San Francisco, CA.94101.
●KNLS 102
Box 473,Anchor Point, Alaska 99556.
●Trans World Radio (KTWR) 102
P.O.Box CC Agana, Guam 96910.
●KVOH 102
Box 7466, Van Nuys, CA.91409.
●Radio Miami International (WRMI) 102
P.O.Box 521733, Miami, FL. 33152.
●WHRI 102
Box 12, South Bend, IN.46624.
●WINB 102
Box 88, Red Lion, PA.17356.
●WJCR 102
Kentuky.
●WMLK 102
Box C, Bethe 1, PA. 19507.
●WRNO 102
Box 100, New Orleans, LA.70181.
●WWCR 102
1300 WWCR Avenue, Nashville, TN. 37218.

URUGUAY 103
●Radio El Espectador
Soriano 1287, 11100 Montevideo.

UZBEKISTAN 104
●Radio Tashkent
Khorezmskaya 49, Tashkent 700047.

VATICAN 104
●Vatican Radio
Vatican City.

VIETNAM 105
●Voice of Vietnam
58, Quan Su Street, Hanoi.

YEMEN ____ 105
●Radio Aden
P.O.Box 1222, Aden.
●Radio San'a ____ 105
Ministry of Information, San'a.

YUGOSLAVIA ____ 106
●Radio Yugoslavia
2 Hilendarska, P.O.Box 200, 11000 Beograd.

ZAMBIA ____ 106
●Radio Zambia International
P.O.Box 50015, Lusaka.

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HOW TO CATCH THE WAVE

Listening to Deutsche Welle (Voice of Germany) in New York *[Example]*

First, locate "Deutsche Welle" in the Index of Stations, or "GERMANY" in the Index of Countries in the Wave Handbook. By using this Timetable and following the steps below, you will be able to enjoy the German language broadcast of Deutsche Welle.

❶ Target Area: Find "America".

❷ Language used: Find "G" for German.

❸ Transmission Time: Times indicated in the Timetable are in UTC (Coordinated Universal Time). To convert UTC to New York time, subtract 5 hours from the World Timetable, and during Daylight Saving Time, subtract 4 hours. The English language broadcasts listed below can be heard in New York at 1900-1950, 2100-2150, and 2300-2350 hrs. during standard time.

❹ The small numerals indicate "minutes".

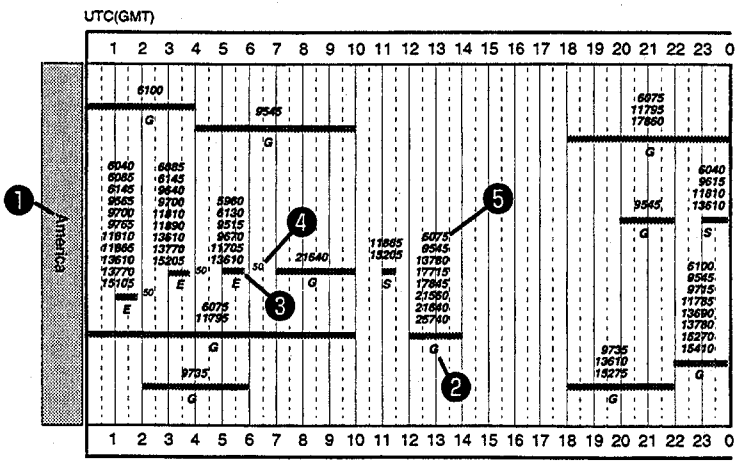
❺ Frequency: Set the dial to the frequency indicated. As various frequencies are used, select the one which offers the best reception.

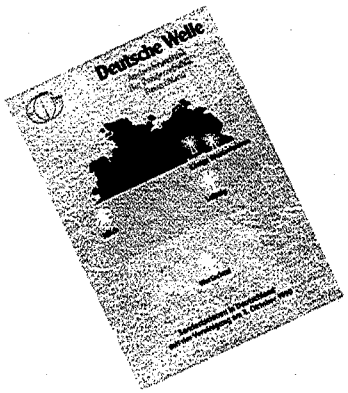
* The above example may be subject to changes.

GERMANY

●Deutsche Welle

●*"This is Radio Deutsche Welle, the Voice of Germany"*
"Hier ist die Deutsche Welle"





Verification card* of Deutsche Welle

*All stations asking for your reception report by the verification card.

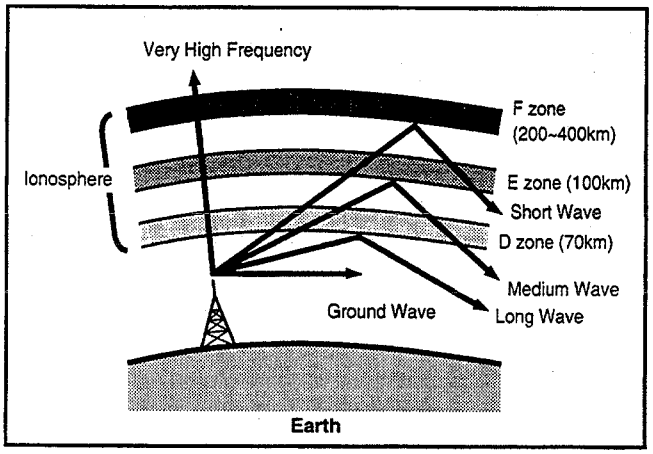
Reception report include Date, Time, Frequency, Conditions, Programs, Name of receiver, Type of antenna, etc.

HOW TO CATCH THE WAVE

Types and characteristics of radiowaves

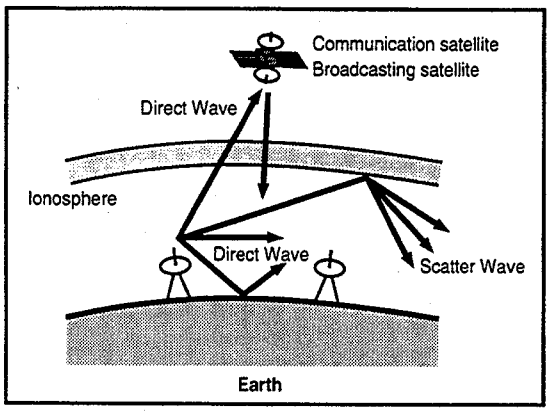
Different wavelengths for different uses

There are many kinds of radiowaves used in radio broadcasting and communications such as Long Wave / Low Frequency, Medium Wave / Medium Frequency, Shortwave / High Frequency, Very High Frequency, Ultra High Frequency, and Microwave. FM radio and television use Very High Frequency, while UHF-TV uses Ultra High Frequency, and Satellite Broadcasting uses Microwaves. As shortwave uses frequencies ranging from 3000kHz to 30000kHz (30MHz), despite its low output, it can travel extremely long distances, and is suited for long distance communication. Therefore, it is used for international broadcasts and communications, making possible transmissions to distant locations on the other side of the globe.



Shortwave broadcasts-radiowaves from distant countries

Located at a distance of 70km to 500km above the earth is the Ionosphere. FM and TV-VHF waves penetrate the ionosphere. Medium waves also are absorbed. But shortwave are deflected by the ionosphere. Therefore, they can be deflected repeatedly between the earth's surface and the ionosphere, hence, travelling long distances to the other side of the globe. This is what enables shortwave broadcasts to be made throughout the world.



Meter Band

Stations do not broadcast indiscriminately throughout the shortwave frequency zones, but rather, each station is allotted frequencies which they may use, in accord with international agreements so as to avoid radio interference. The frequency zone (units in meters) is indicated as Meter Band. Meter Band used in shortwave broadcasting total 14 in all. Most stations in the world select several meter bands from among them for their broadcasts. Meter indicates the length of the wavelength. For example, rather than say, "from 15100kHz to 15800kHz" it is easier to understand when one says, "19 meter band" and in fact, this is the internationally accepted way.

Meter Band	Frequency (kHz)	Main Stations	Main Characteristics
120	2300~2495	Radio bras, Voice of Indonesia	Torrid Zone exclusive band
90	3200~3400	Oceania, South & CentralAmerica, etc.	Torrid Zone exclusive band
75	3900~4000	BBC London, RFI Paris, Deutsche Welle	In Asia & Oceania, used for domestic services
60	4750~5060	Torrid Zone local stations	Torrid Zone exclusive band
49	5900~6200	International Services	Medium range area broadcasts
41	7100~7350	Domestic and International Services excluding North & South America	Optimum for medium range broadcasts
31	9400~9990	International Services around the world	Various bands used by broadcasting stations around the world
25	11600~12100	International Services around the world	Can receive most large output broadcasts for foreign reception
22	13570~13870	International Services around the world	Optimum band aimed at distances of about 3000km
19	15100~15800	International Services around the world	Occupied by top level stations with output of 100kw-plus
16	17480~17900	International Services around the world	Occupied by top level stations with output of 100kw-plus
15	18900~19020	International Services around the world	Occupied by top level stations with output of 100kw-plus
13	21450~21750	International Services around the world	For use during periods when numerous sunspots appear. On the contrary, not suitable in the winter months.
11	25600~26100	International Services around the world	For use during intense sunspot activity, assuring good reception during the summer months.

Changes in Frequency

The main feature of short wave is that it can travel long distances despite the low output. It can cross borders and reach the other side of the globe.

But there are problems. And that is that depending on the season, there are changes in the transmission of the radiowaves. In summer, high frequencies are better, and in winter, low frequencies are transmitted better. Therefore, broadcasting stations, in accordance with international agreements, periodically change frequencies 4 times annually (on the 1st Sunday of March, May, September, and November). Also revisions are carried out whenever interference occurs.

As announcements are broadcast in advance of frequency changes, you are advised to jot down the information.

Every shortwave station uses multiple frequencies. Use the dial to select from among them the frequency which provides the best reception. Frequencies which provide stable reception are used continuously.

How to obtain up-to-date information

Broadcast schedules and other materials containing information about programs are available at all shortwave stations. You may write directly to the stations and request such material. It might be a good idea to ask the station which you regularly tune in to keep you posted of any schedule changes. In most cases, information is provided free of charge.

Also, you may be able to obtain broadcast information at the diplomatic offices of the countries concerned.

Radiowaves other than from broadcasting stations

There are many types of radiowaves which crisscross the skies all over the world other than those emitted by radio and television stations. They are numerous, and include the Standard Frequency and Time Signal Stations which announce the correct time through the accurate frequency, and wireless communications which ensure the safety of ships and airplanes, meteorological communications which provide weather forecasts and information, and amateur radio. There's lots of fun in catching radiowaves other than those emitted by broadcasting stations, and serve as an invitation to the unlimited fascination and

dimensions of the world of radiowaves.

Please be forewarned that monitoring communications over these radiowaves between specified parties and/or disclosure of their contents may lead to prosecution by the countries concerned.

*SSB is an abbreviation for Single Side Band. It is a type of radiowave mainly used for various types of communication on the shortwave band and voice operation on the shortwave amateur radio band.

There are two types of SSB, the USB (Upper Side Band) and LSB (Lower Side Band). Using SSB, it is possible to transmit radiowaves over long distances even with a low output. To receive these transmissions, a radio equipped with an SSB reception apparatus is required.

CW is the abbreviation for Continuous Wave, and is a text communication method used for Morse code.

RTTY is the abbreviation for teletypewriter, a high speed text signal communication method. Numerous RTTY signals are being transmitted over shortwave frequencies other than the broadcast bands.

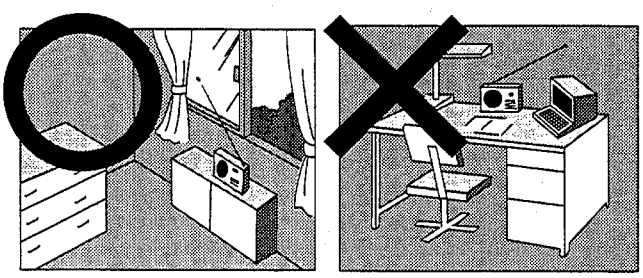
Effective method of setting up and using an antenna

Radiowaves are received through antennas. So, the first thing to do is to set the antenna close to the window.

Whatever type of radio you have, you cannot catch the radiowaves without an antenna. The antenna is particularly vital for shortwave reception. In other words, the radiowave emitted by a station does not penetrate a building or other structure. As the radiowave is present outside the window, if you experience reception difficulty, position the antenna near the window. The best position is at the window. Another good method is to set up an antenna outside the window and attach a feed line to the receiver.

The best place to place an antenna is at the window.

As radiowaves do not easily penetrate buildings, make sure the radio is placed close to the window. Also, as TV sets, word processors, fluorescent lamps, etc. cause radiowave interference, turn off the switches if they are not in use.



EXPLANATORY NOTES

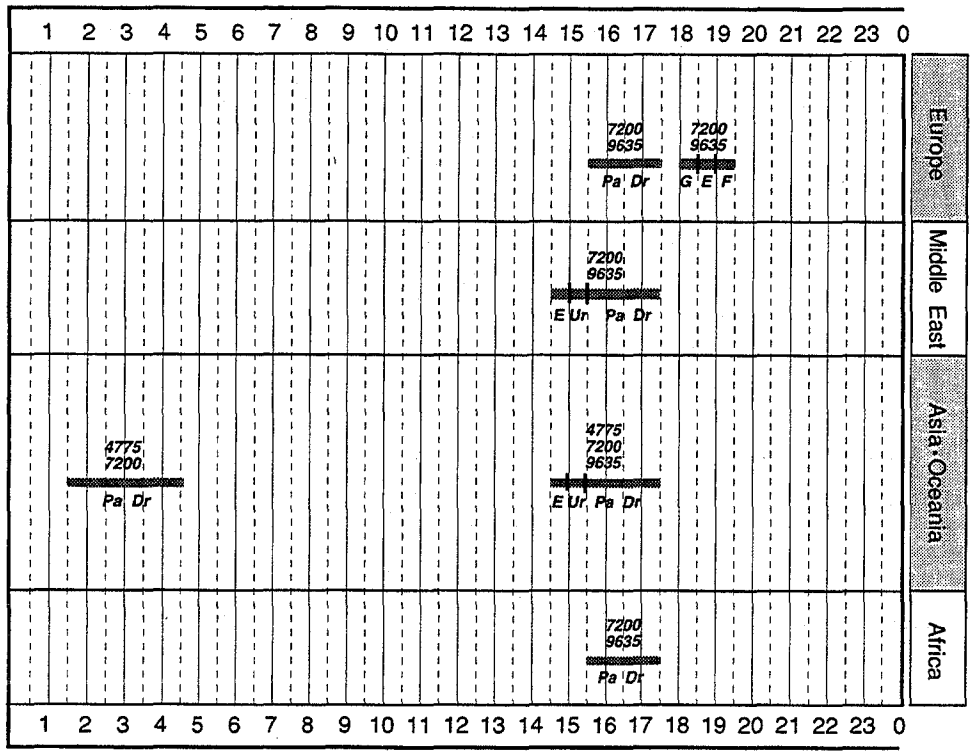
A	Arabic	***Gr***	Greek	***O***	Oriya
Af	Afar	***Gu***	Gujarati	***P***	Portuguse
Ak	Afrikaans	***Ha***	Hausa	***Pa***	Pashto
Al	Albanian	***He***	Hebrew	***Pe***	Persian
Am	Amharic	***Hi***	Hindi	***Pi***	Pidgin English
Ar	Armenian	***Hk***	Hakka	***Po***	Polish
As	Assamese	***Hu***	Hungarian	***Pu***	Punjabi
Ay	Amoy	***I***	Italian	***Q***	Quechua
Az	Azerbaijan	***Ib***	Ibo	***R***	Russian
Ba	Bambara	***Ic***	Icelandic	***Rh***	Romansh
Be	Bengali	***In***	Indonesian	***Ro***	Romanian
Bh	Bhutani	***J***	Japanese	***S***	Spanish
Bi	Bislama	***Ka***	Kashmiri	***Sb***	Serbian
Bl	Bulgarian	***Kb***	Kabyl	***Sd***	Swedish
Br	Belarus	***Ki***	Kirundi	***Se***	Sesotho
Bu	Burmese(Myanmar)	***Kk***	Konkani	***Sh***	Shona
C	Chinese	***Ko***	Korean	***Si***	Sinhala
Ca	Cambodian	***Ku***	Kurdi	***Sk***	Slovak
Ch	Chichewa	***Ky***	Kinyarwanda	***Sl***	Slovene
Cr	Croatian	***Kz***	Kazakhstan	***So***	Somali
Ct	Cantonese	***La***	Laotian	***St***	Setswana
Cu	Chaozhou	***Li***	Lingala	***Sw***	Swahili
Cz	Czech	***Ln***	Lithuanian	***Sy***	Sylheti
Da	Danish	***Lt***	Latvian	***Ta***	Tajik
Dr	Dari	***Ma***	Maldivian	***Te***	Telugu
Du	Dutch	***Mc***	Macedonian	***Tg***	Tagalog
E	English	***Md***	Moldavian	***Th***	Thai
Ek	Eskimo	***Mg***	Malagasy	***Ti***	Tibetan
Ep	Esperanto	***Mh***	Marathi	***Tm***	Tamil
Et	Estonian	***Ml***	Malay	***Tt***	Tahitian
F	French	***Mo***	Mongolian	***Tu***	Turkish
Fi	Finnish	***Mr***	Maori	***Uk***	Ukrainien
Fl	Fulani	***Mt***	Maltese	***Ur***	Urdu
Fu	Fulfulde	***Mw***	Mwanza	***Uz***	Uzbek
G	German	***My***	Malayalam	***V***	Vietnamese
Ga	Galla	***N***	Norweigian	***Y***	Yiddish
Ge	Georgian	***Nd***	N'debele	***Yo***	Yoruba
Gl	Greenlandic	***Ne***	Nepali	***Z***	Zulu

TIME TABLE

AFGHANISTAN

●Radio Afghanistan
●*"This is Radio Afghanistan"*

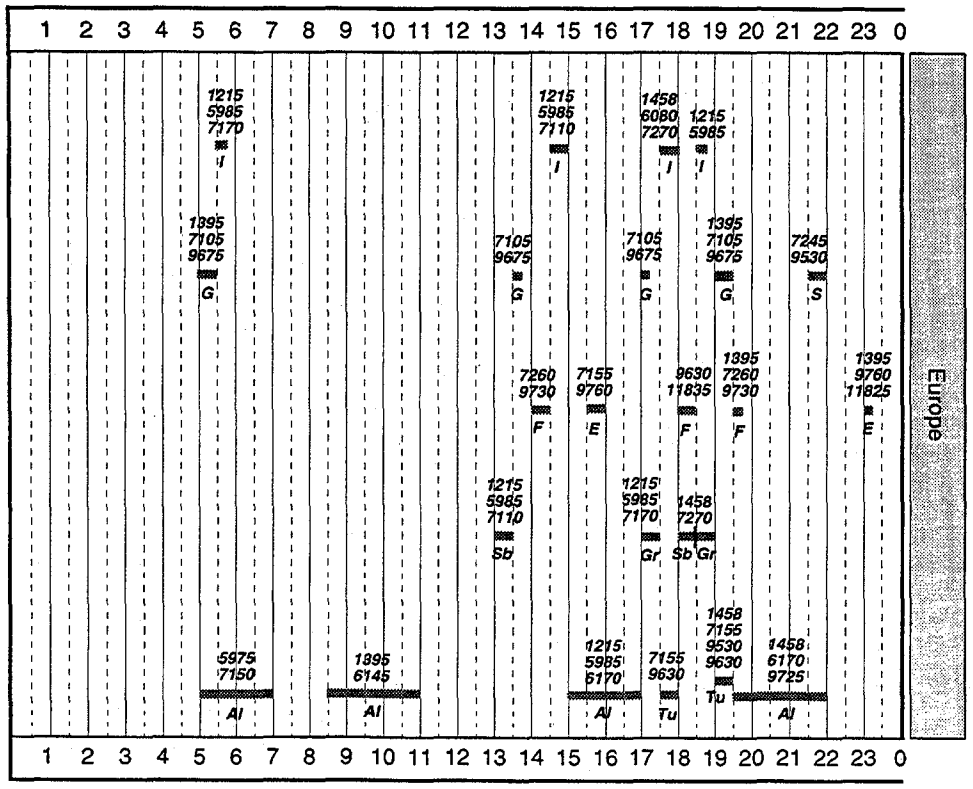
UTC(GMT)

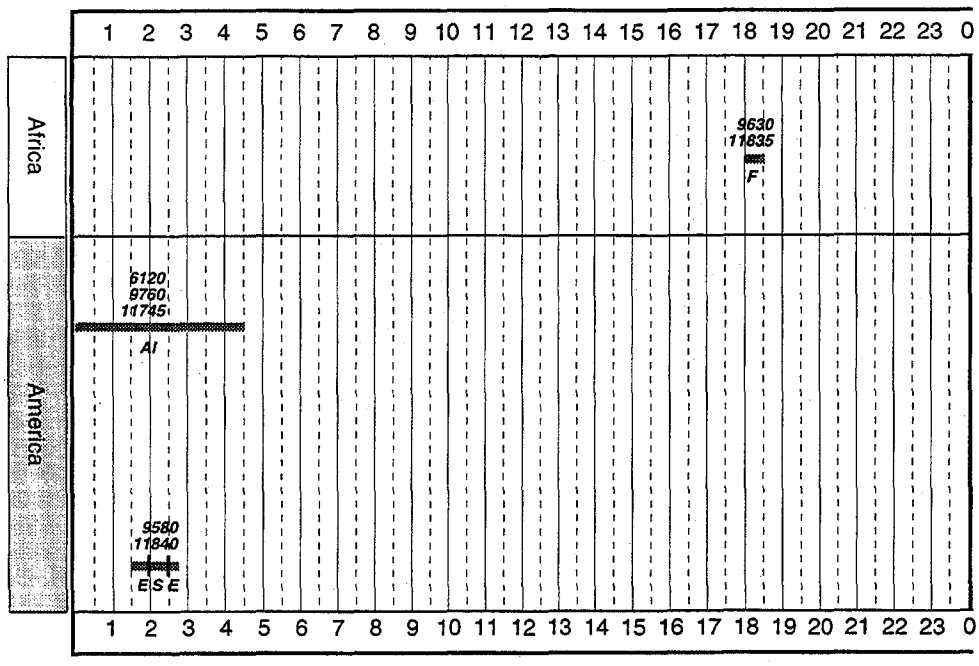


ALBANIA

●Radiotelevision Shqiptar
●*"This is Tirana Calling"*
"Summer Time" seasons for European Services are one hour earlier.

UTC(GMT)

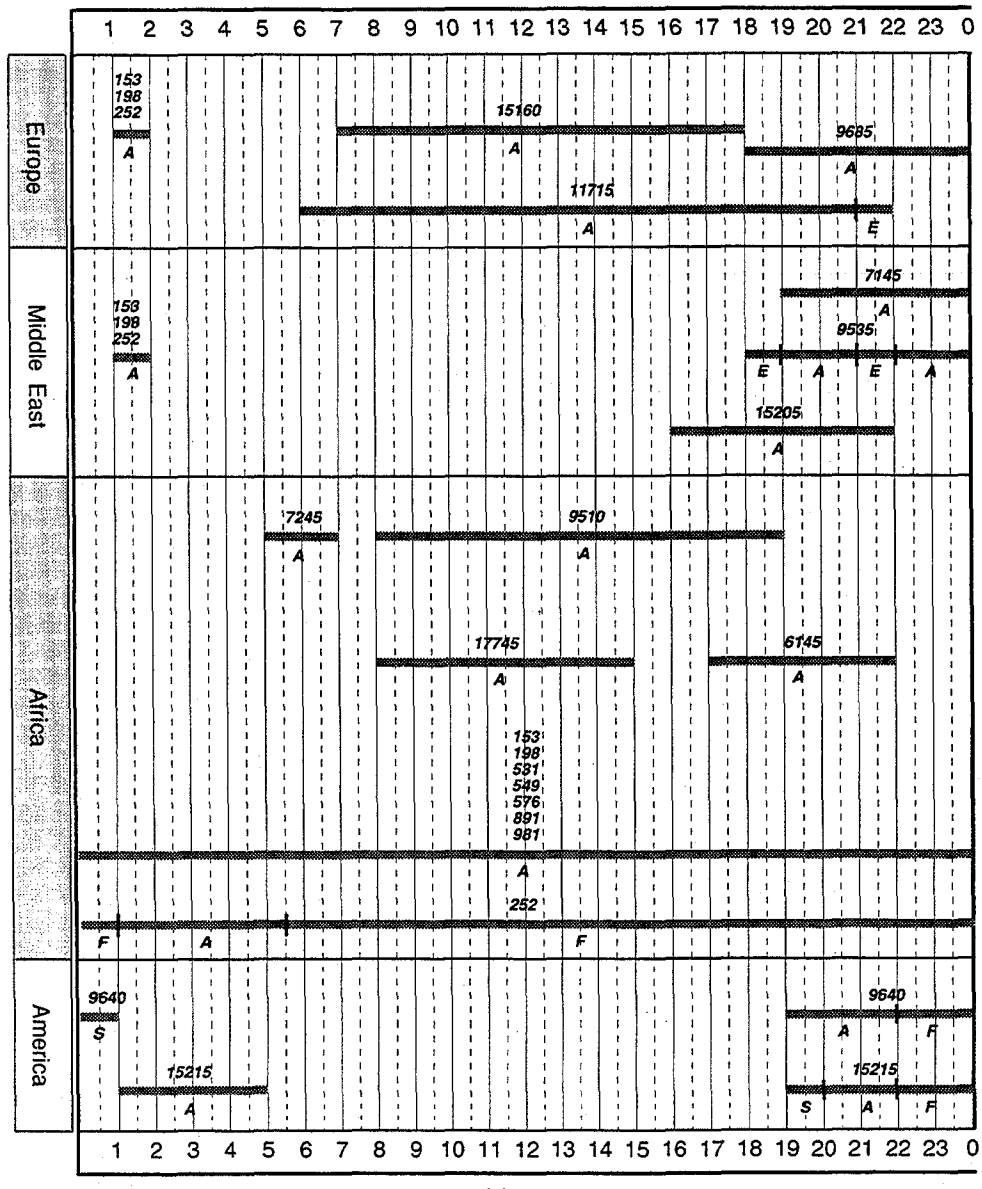




ALGERIA

- Radiodiffusion Algerienne
- *"Ici Alger, Radiodiffusion Algerienne"*

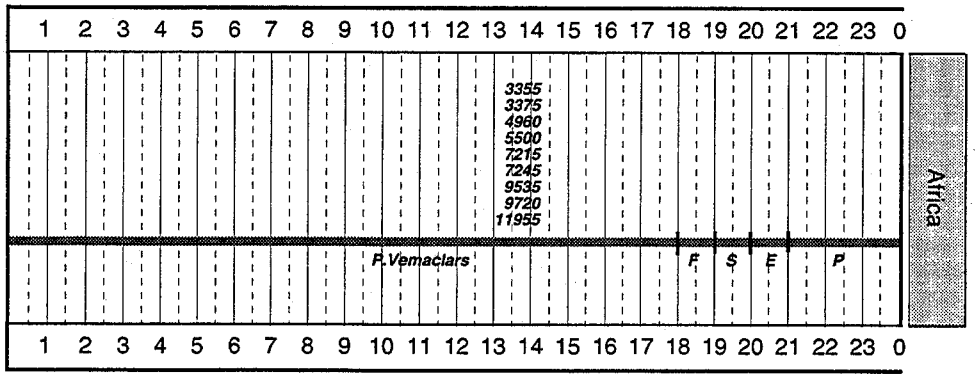
UTC(GMT)



ANGOLA

●Radio Nacional de Angola(RNA)
●*"De Luanda, Radio Nacional de Angola"*

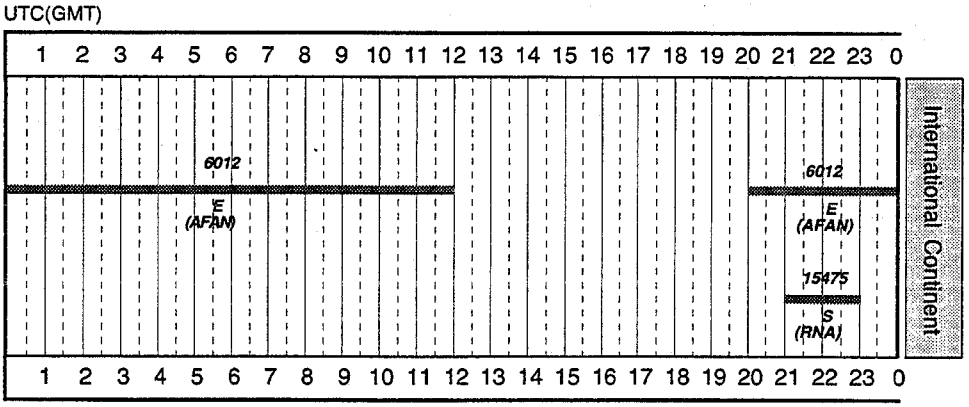
UTC(GMT)



ANTARCTICA

●American Forces Antarctica Network (AFAN)
●Radio Nacional Arcangel San Gabriel (RNA)

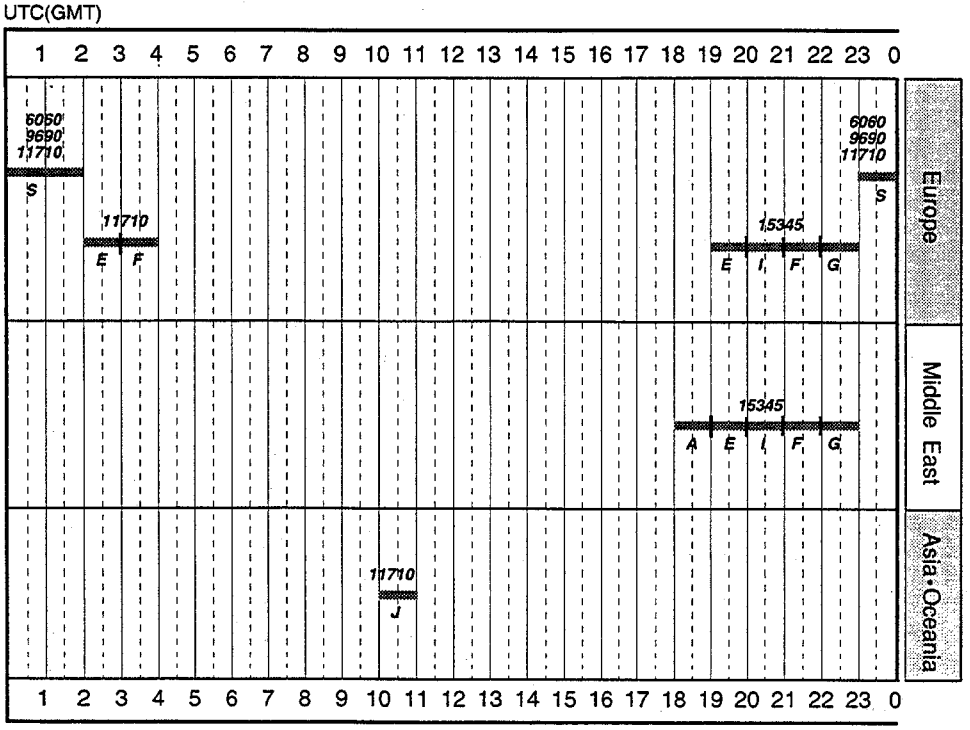
UTC(GMT)

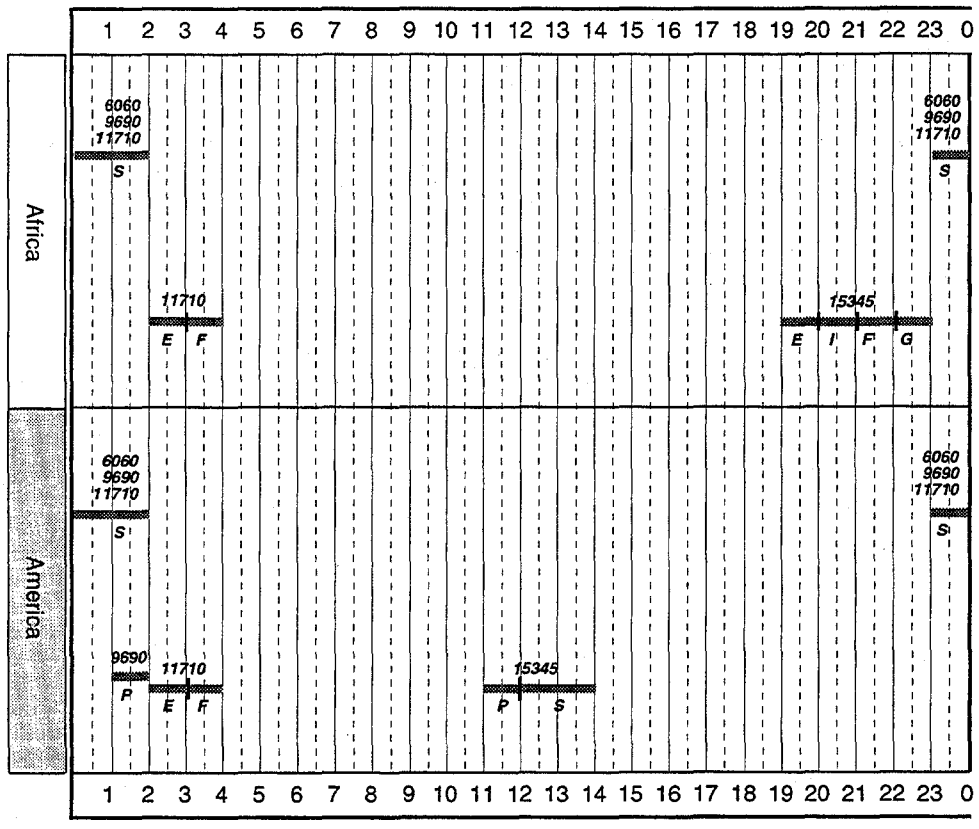


ARGENTINA

●Radiodifusion Argentina al Exterior
●*"This is RAE, Radiodifusion Argentina al Exterior"*
"Summer Time" in Argentina are one hour earlier.
Mon-Fri only

UTC(GMT)

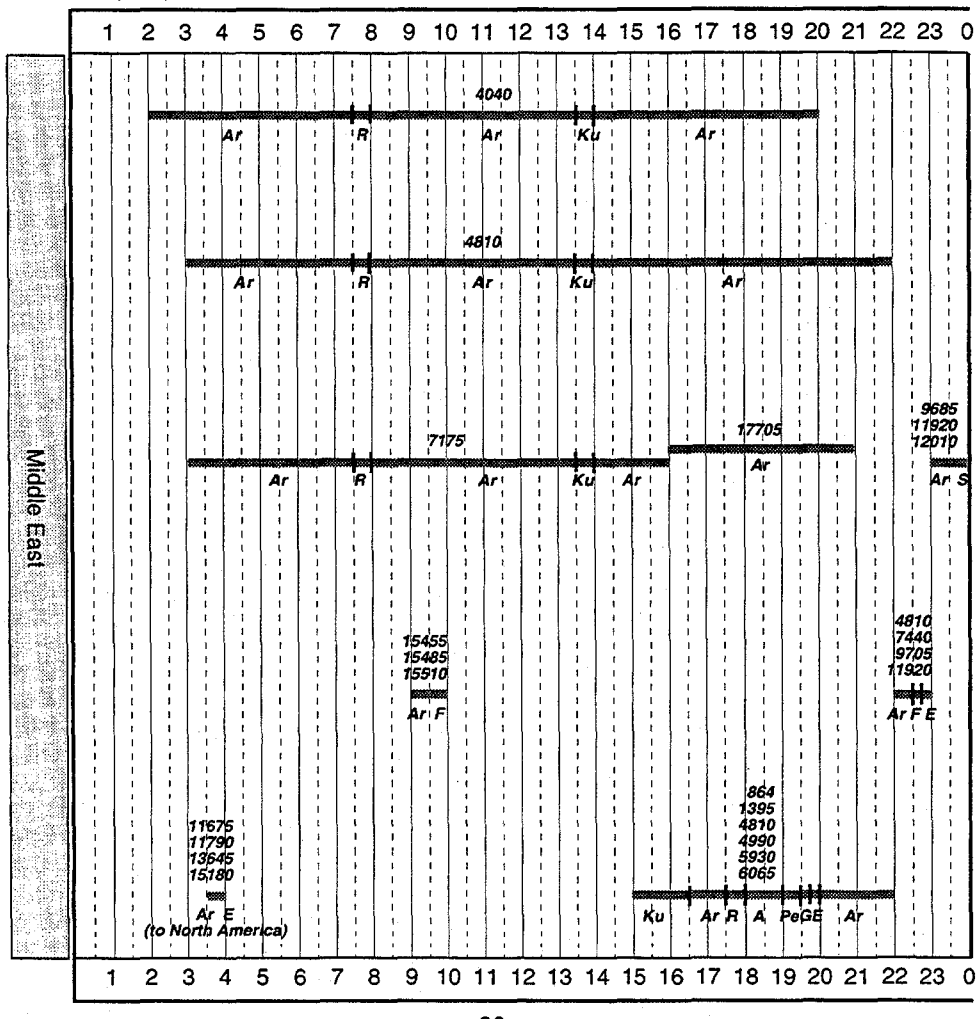




ARMENIA

- Radio Yerevan
- *"This is Radio Yerevan"*

UTC(GMT)

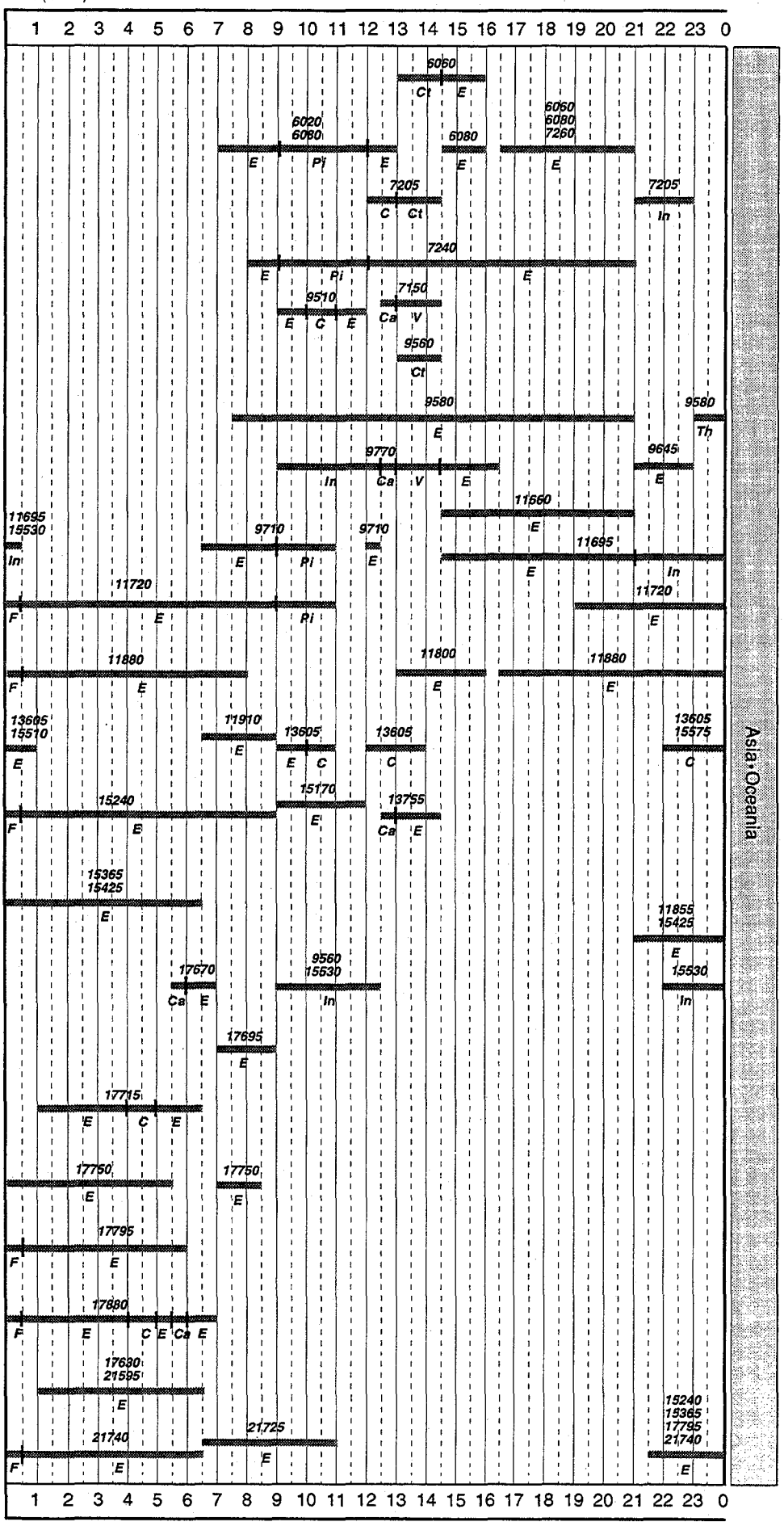


AUSTRALIA

●Radio Australia

●*"This is Radio Australia, The Overseas Service of ABC"*

UTC(GMT)

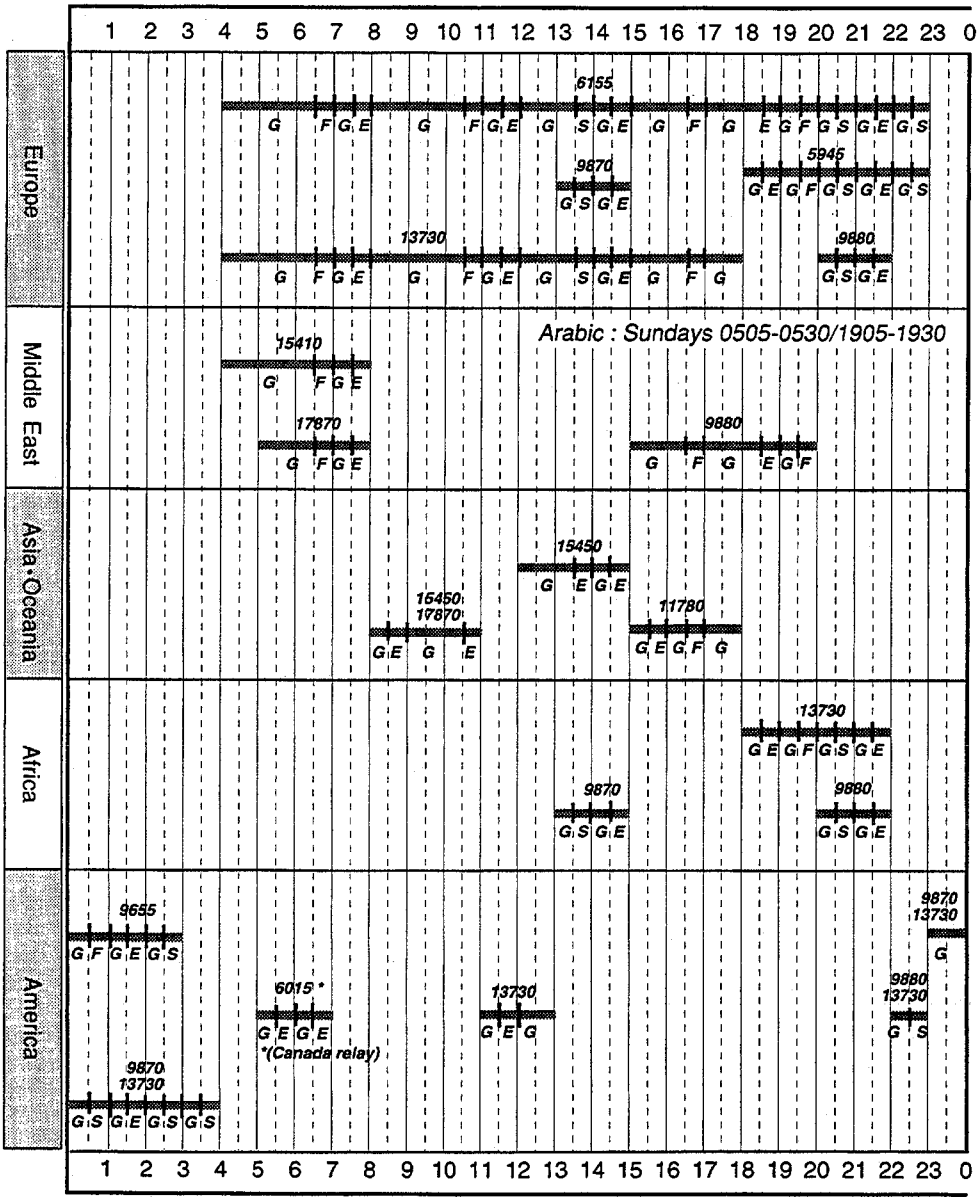


AUSTRIA

●Radio Austria International

●*"This is Radio Austria International"*

UTC(GMT)

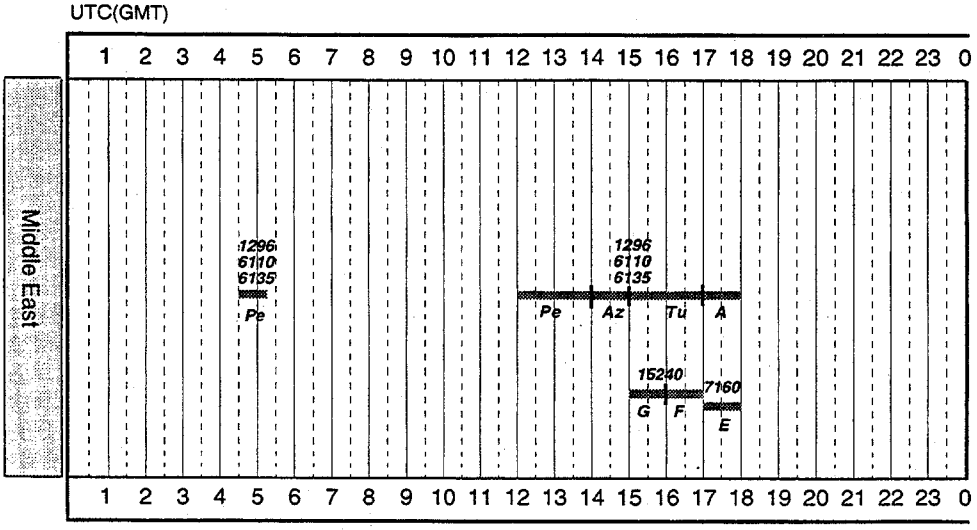


AZERBAIJAN

●Radio Dada Gorgud / Voice of Azerbaijan

●*"Danishyr Baku"*

UTC(GMT)

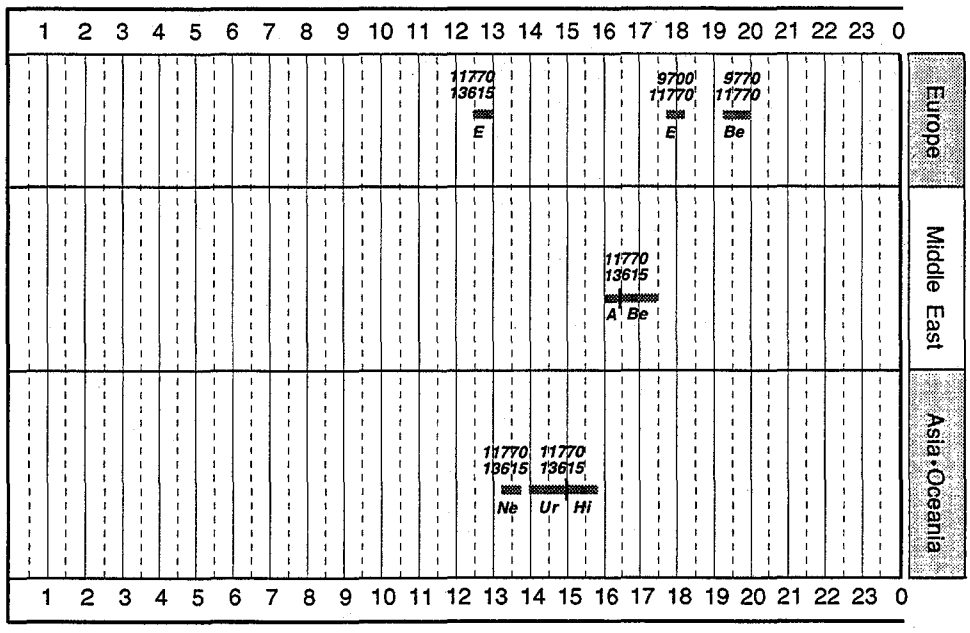


BANGLADESH

●Radio Bangladesh

●*"This is the Overseas Service of Radio Bangladesh"*

UTC(GMT)



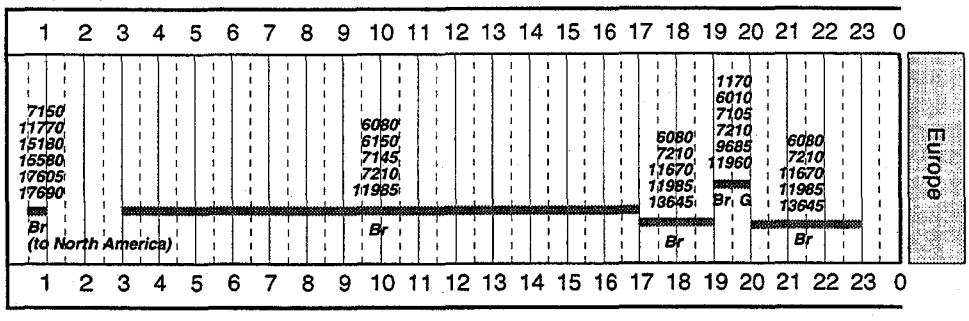
BELARUS

●Radio Minsk

●*"Havoryts Minsk"*

"Summer Time" seasons are one hour earlier.

UTC(GMT)



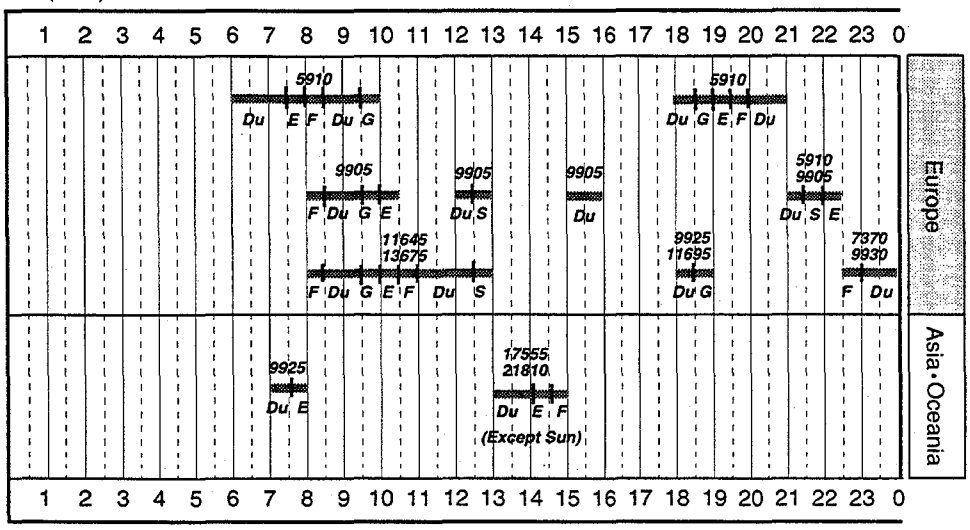
BELGIUM

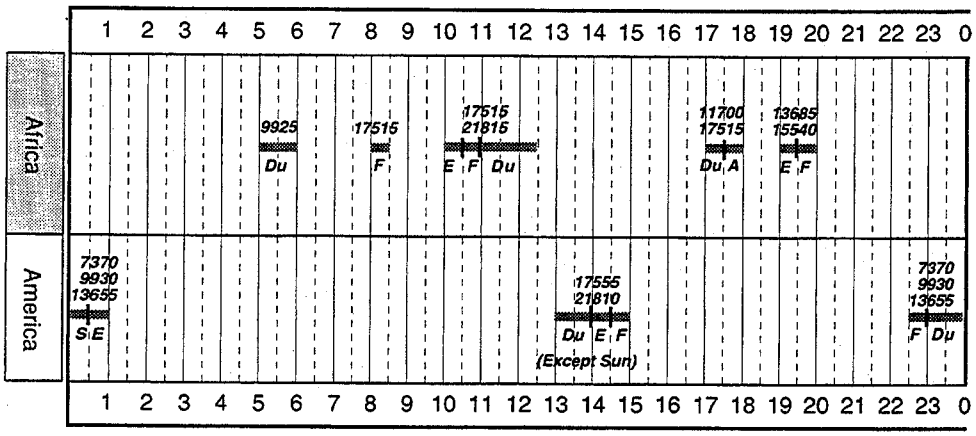
●Radio Vlaanderen Internationaal

●*"This is Radio Vlaanderen International"*

"Summer Time" seasons are one hour earlier.

UTC(GMT)

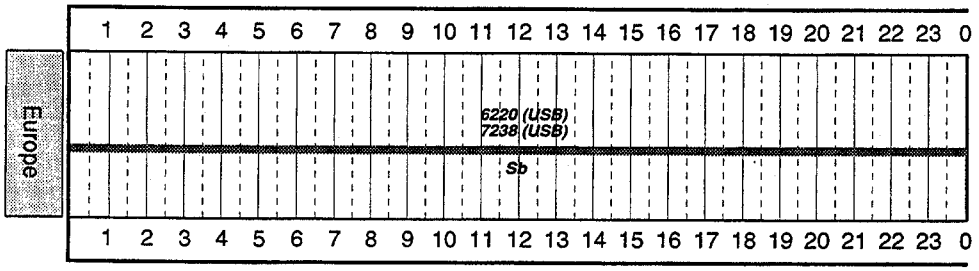




BOSNIA HERCEGOVINA

●Radio Bosnia Hercegovina

UTC(GMT)

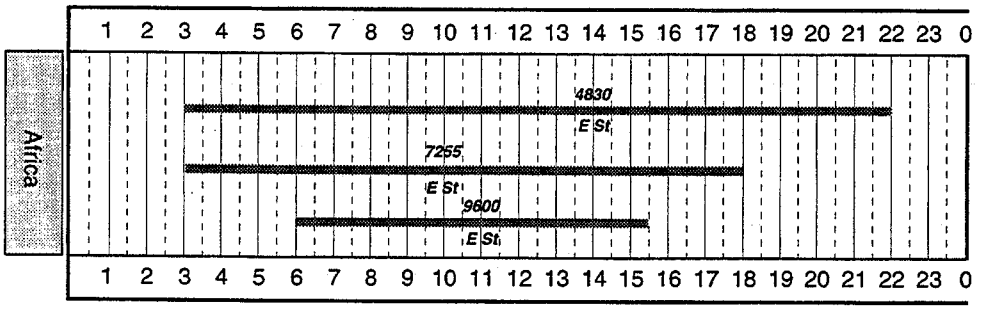


BOTSWANA

●Radio Botswana

●*"This is Radio Botswana"*

UTC(GMT)

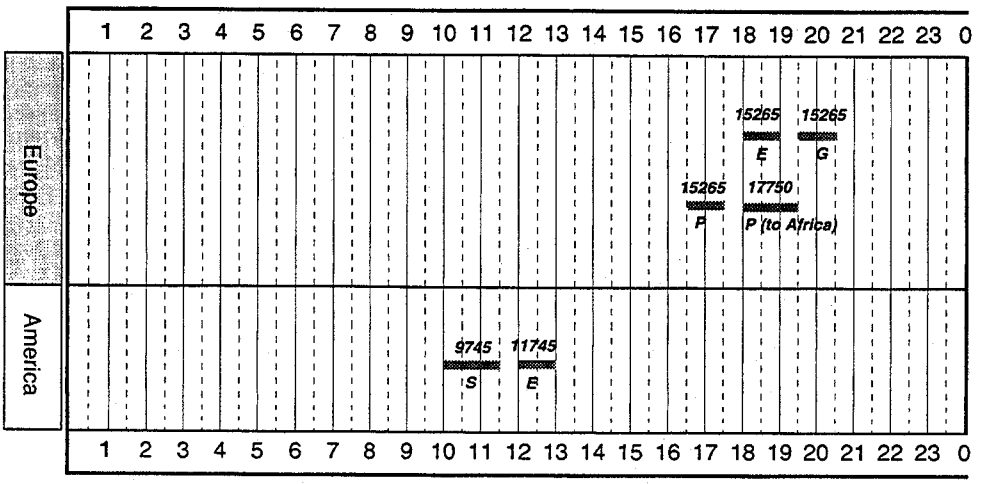


BRAZIL

●Radio Bras

●*"You are tuned to Radio Bras "*

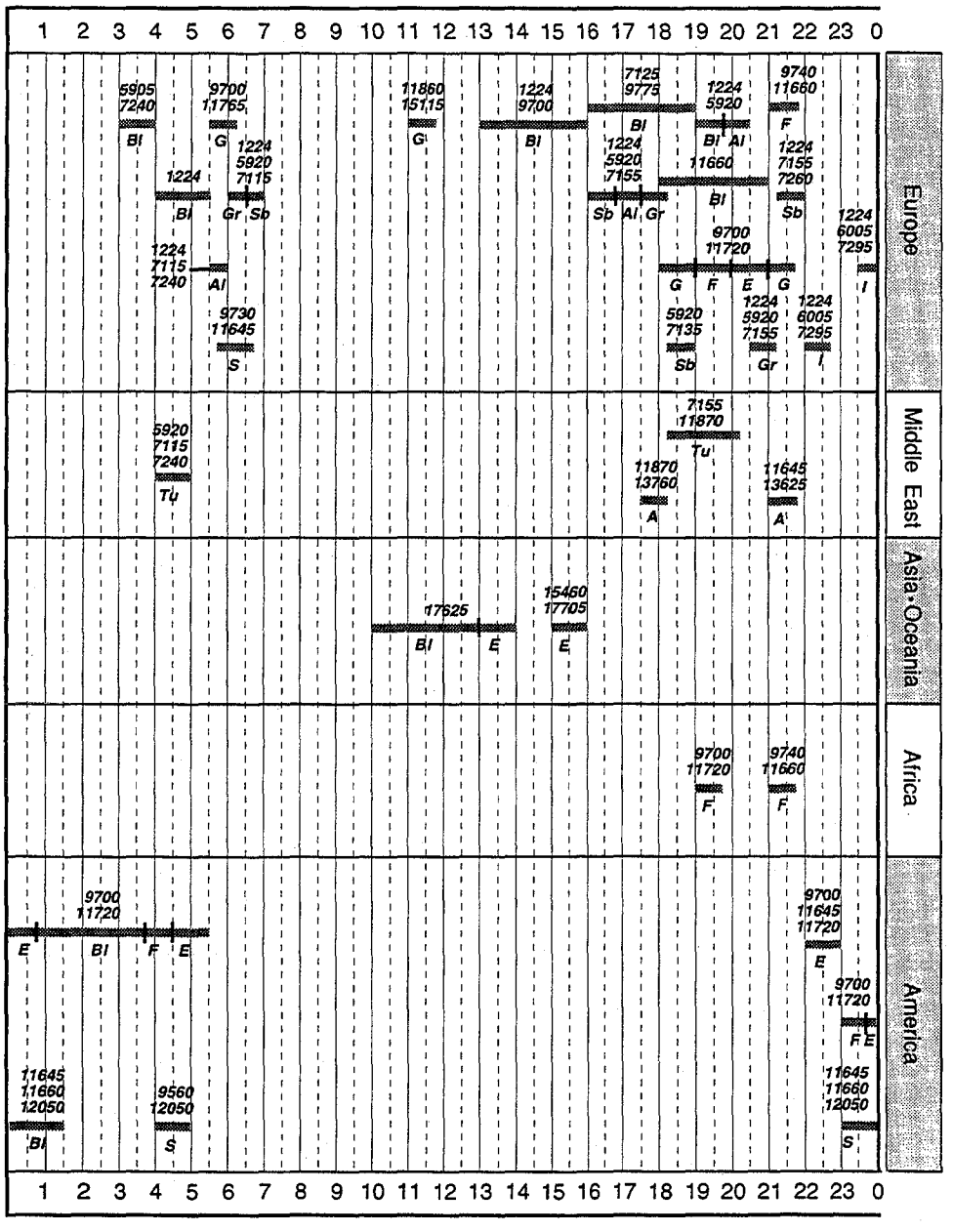
UTC(GMT)



BULGARIA

●Radio Bulgaria
●*"This is Radio Bulgaria"*
"Summer Time" seasons are one hour earlier.

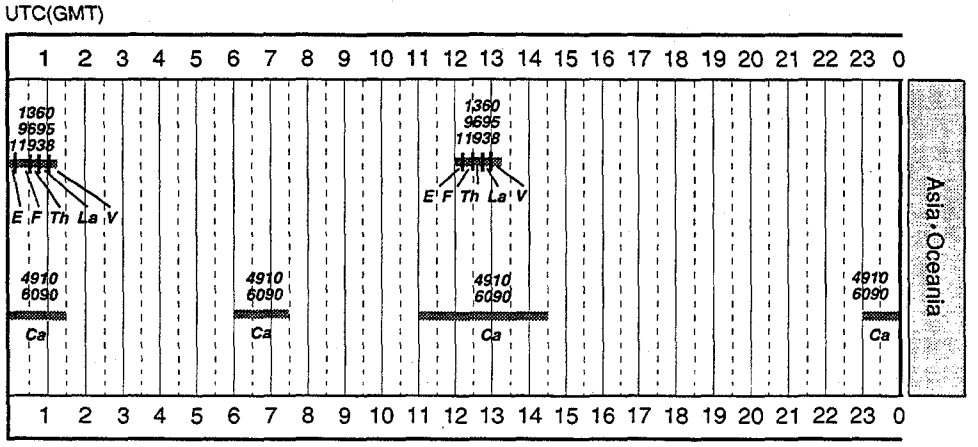
UTC(GMT)



CAMBODIA

●National Voice of Cambodia (NVC)
●*"Thini Phnom Penh"*

UTC(GMT)

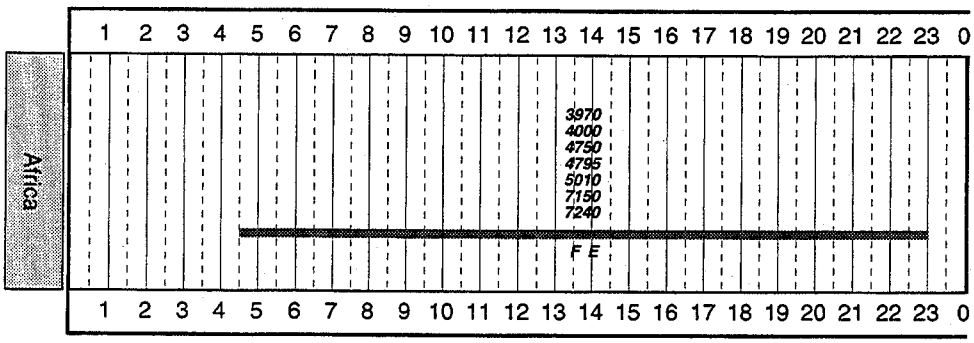


CAMEROON

●Cameroon Radio Television (CRTV)

●*"Ici Yaounde,poste nationale de la CRTV"*

UTC(GMT)

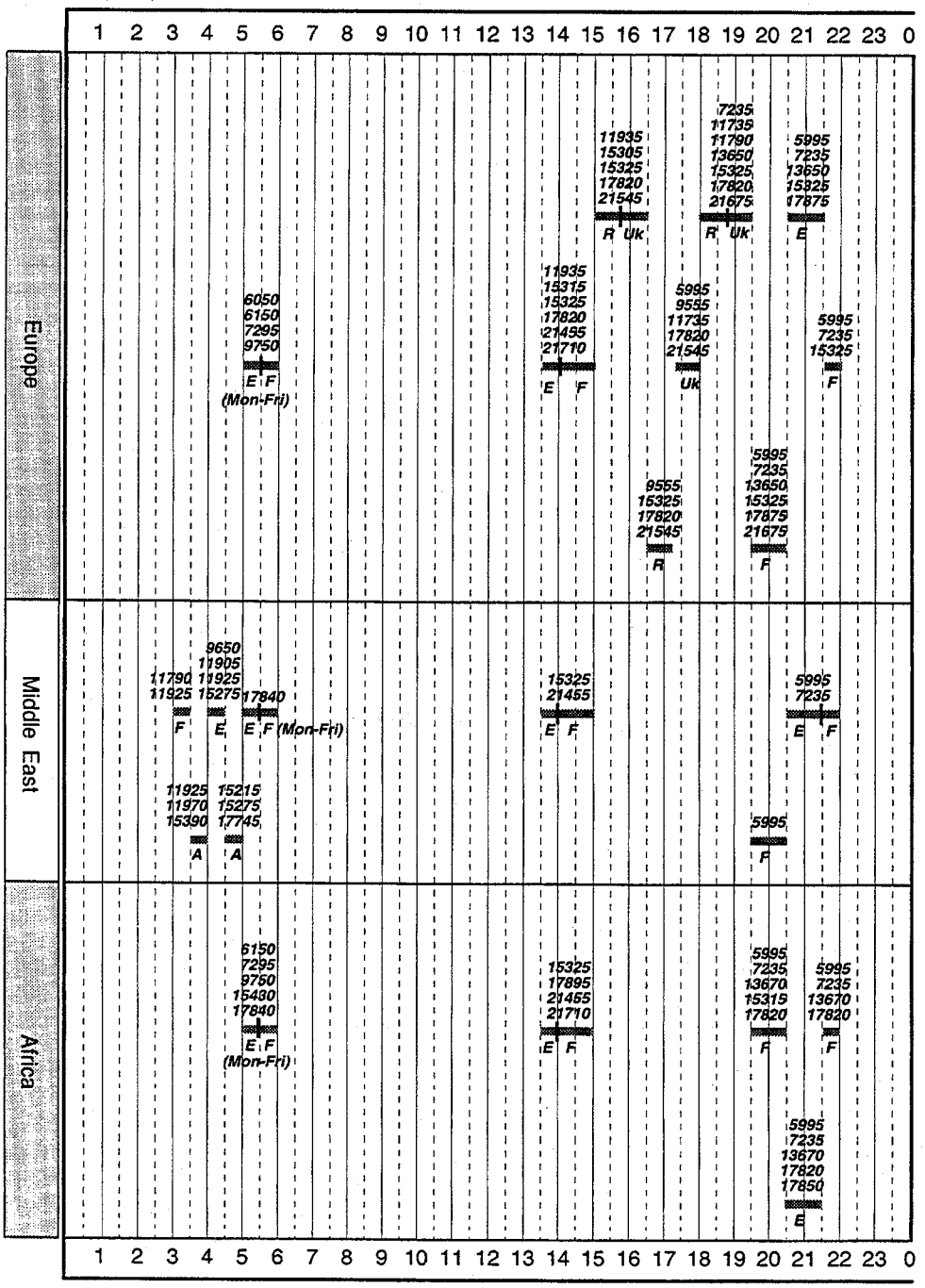


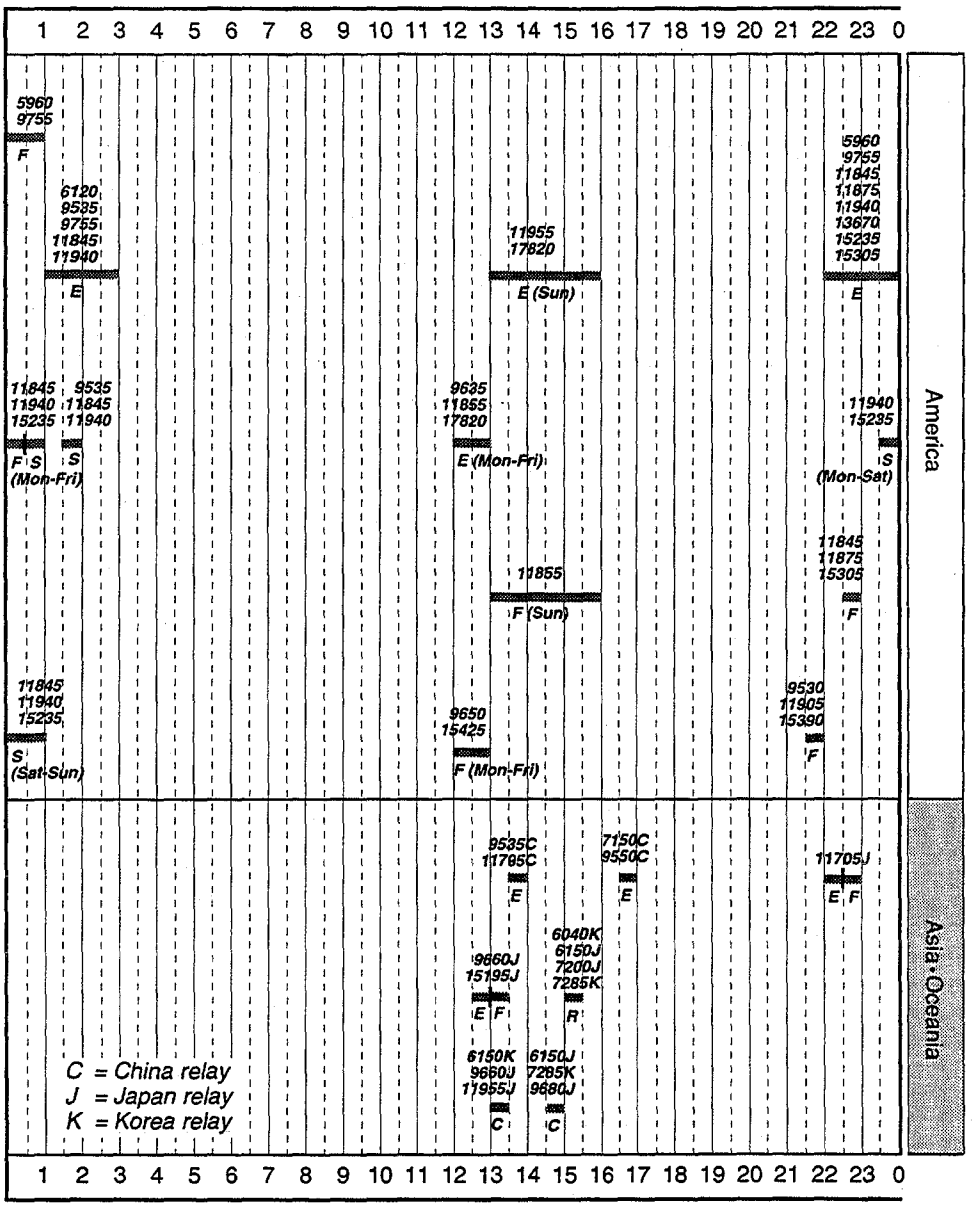
CANADA

●Radio Canada International (RCI)

●*"This is Radio Canada International"*

UTC(GMT)

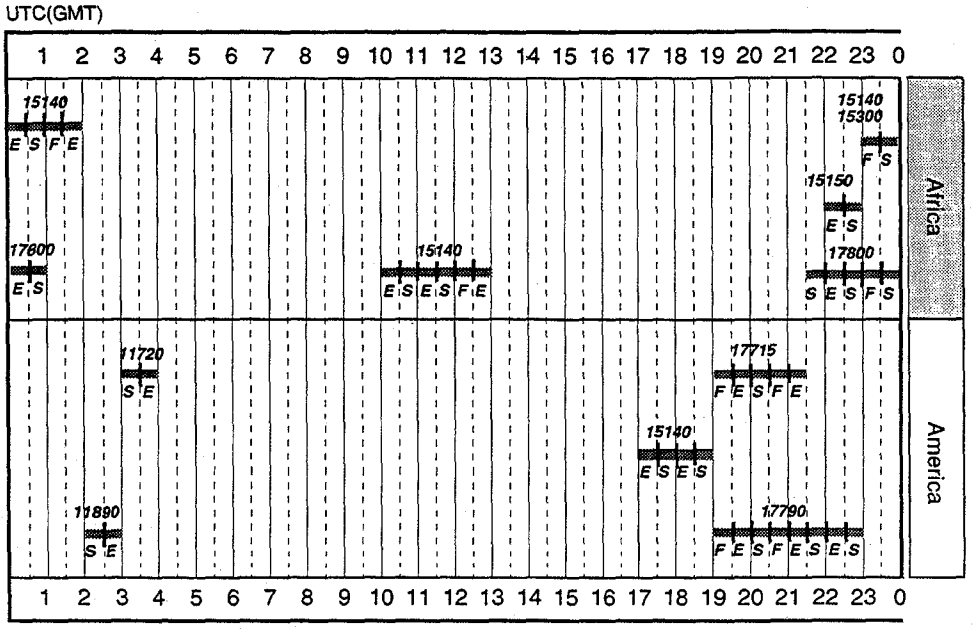




CHILE

- Voice of Chile
- *"This is the Voice of Chile"* (inactivity)

UTC(GMT)

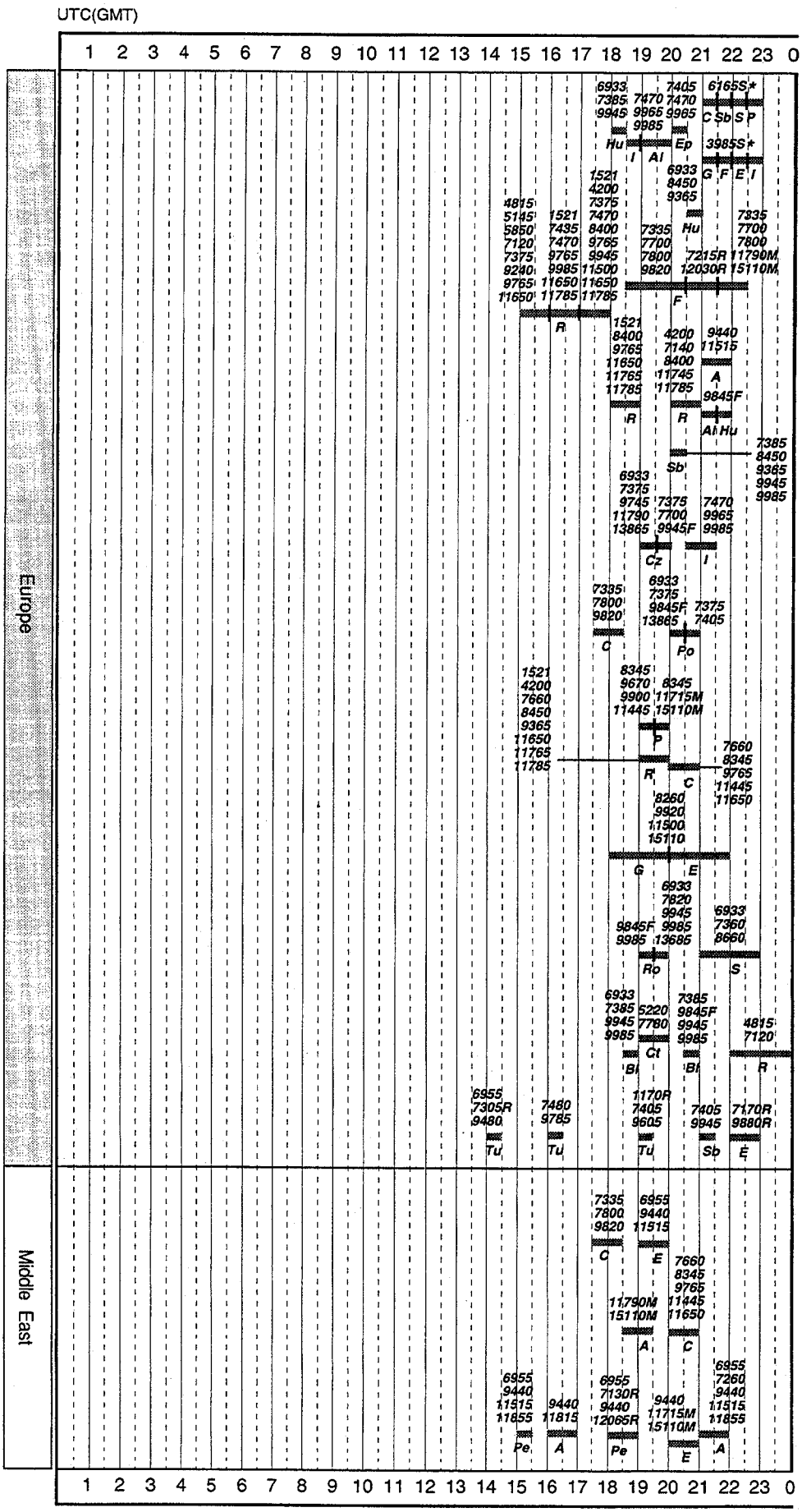


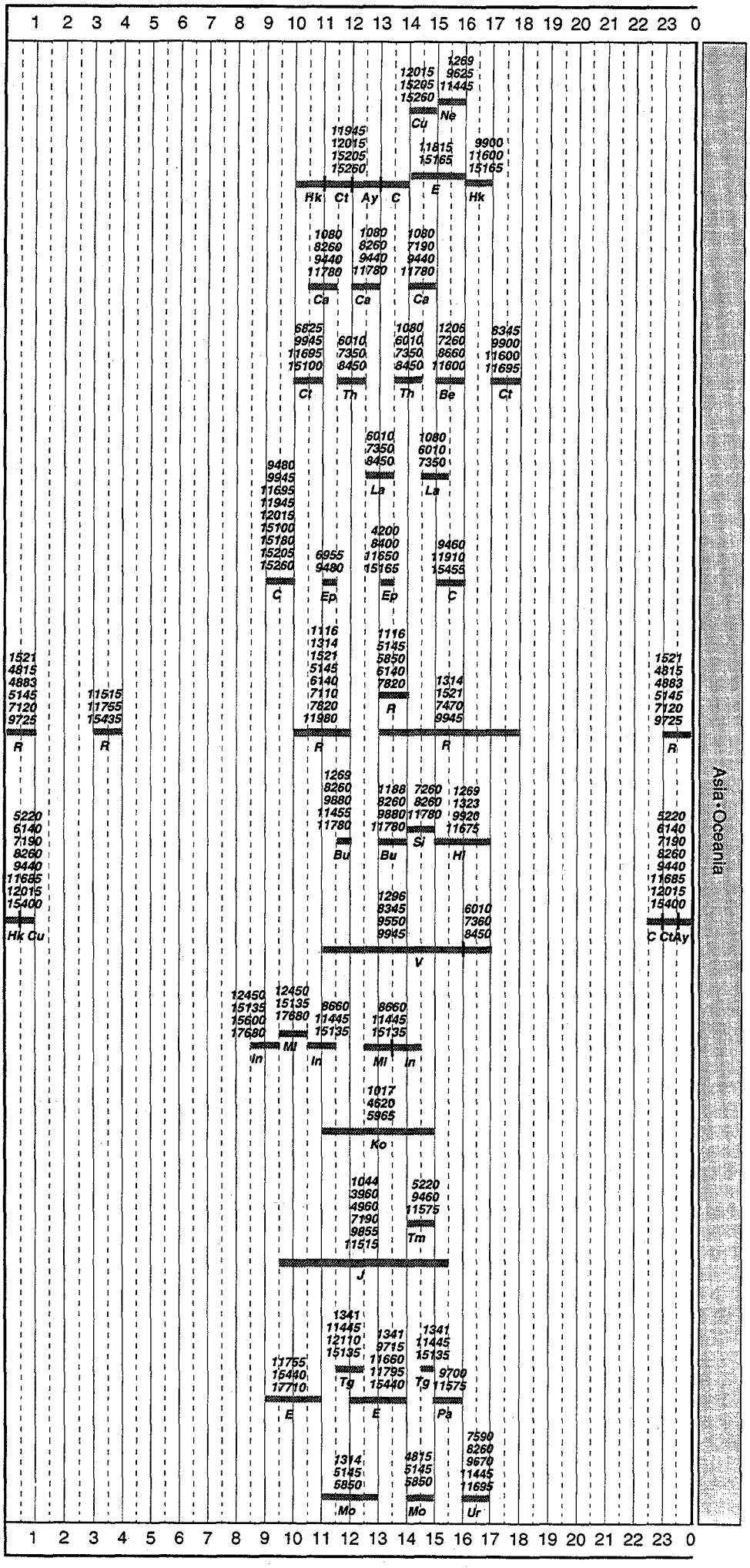
CHINA

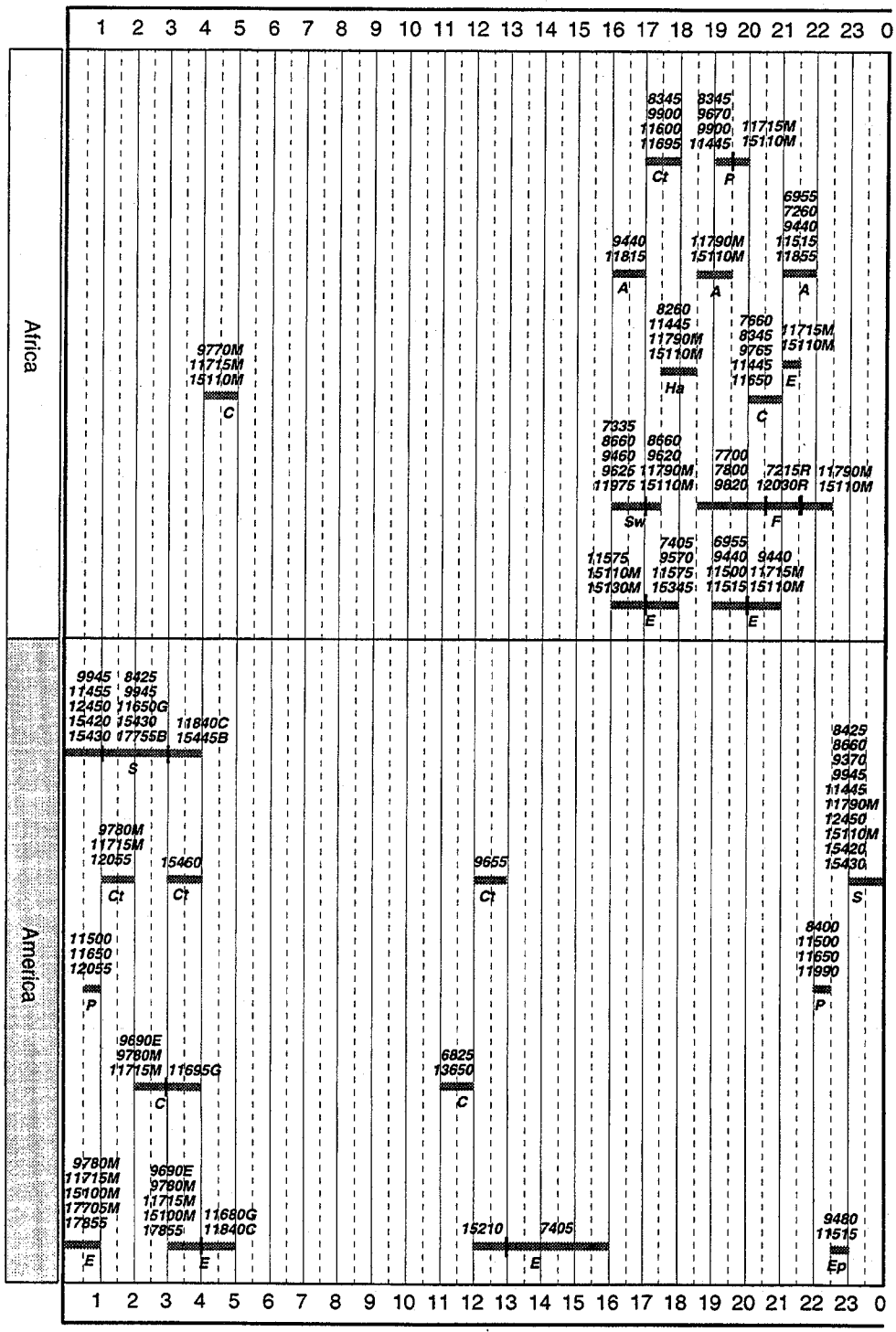
- China Radio International (CRI)
- *"This is China Radio International"*

* marks: "Summer Time" seasons are one hour earlier.

Relay Stations:B=Brazil / C=Canada / E=Spain / F=France /
G=French Guiana / M=Mali / R=Russia / S=Switzerland



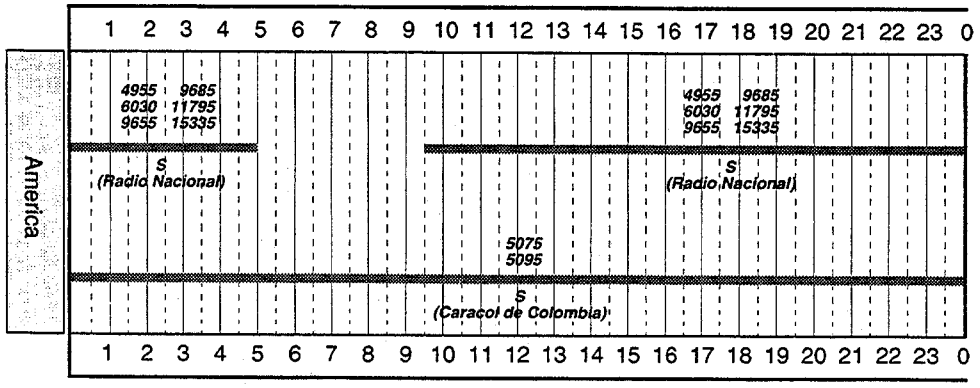

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
Asia-Oceania
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0



COLOMBIA

- ●Radio Nacional
- ●*"Radio Televisora Nacional de Colombia"*
- ●Caracol de Colombia
- ●*"Caracol de Colombia"*

UTC(GMT)

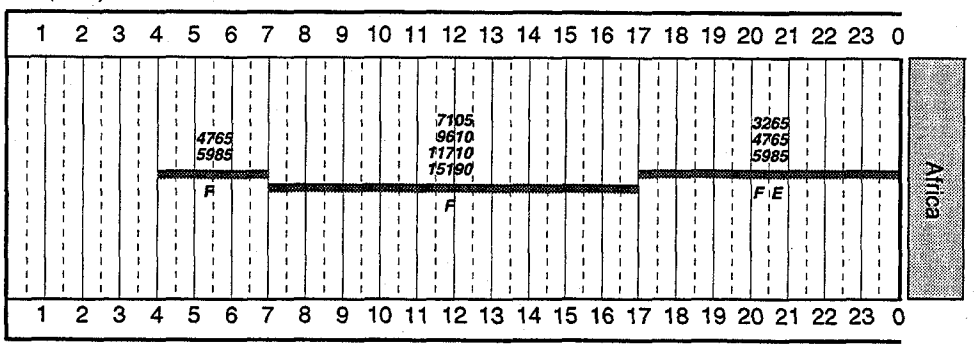


CONGO

●Radiodiffusion Television Congolaise (RTC)

●*"Ici Brazzaville, Radio Congo"*

UTC(GMT)

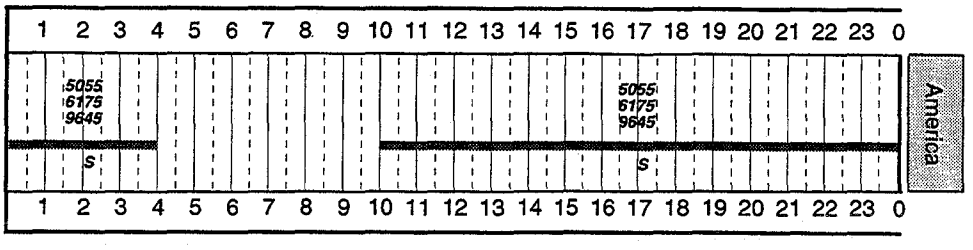


COSTA RICA

●Faro del Caribe (TIFC)

●*"TIFC,Faro del Caribe,en San Fose,Costa Rica"*

UTC(GMT)

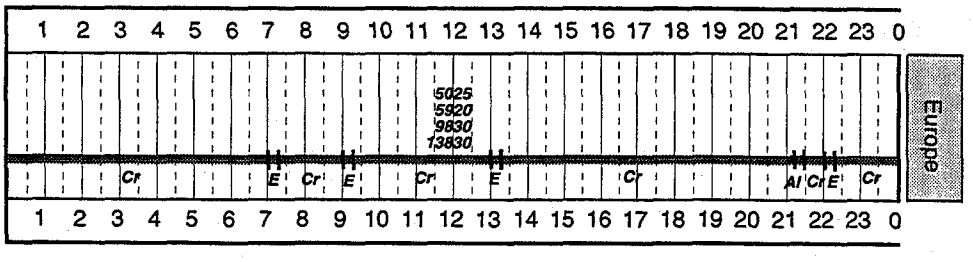


CROATIA

●Croatian Radio

●*"This is Croatian Radio"*

UTC(GMT)

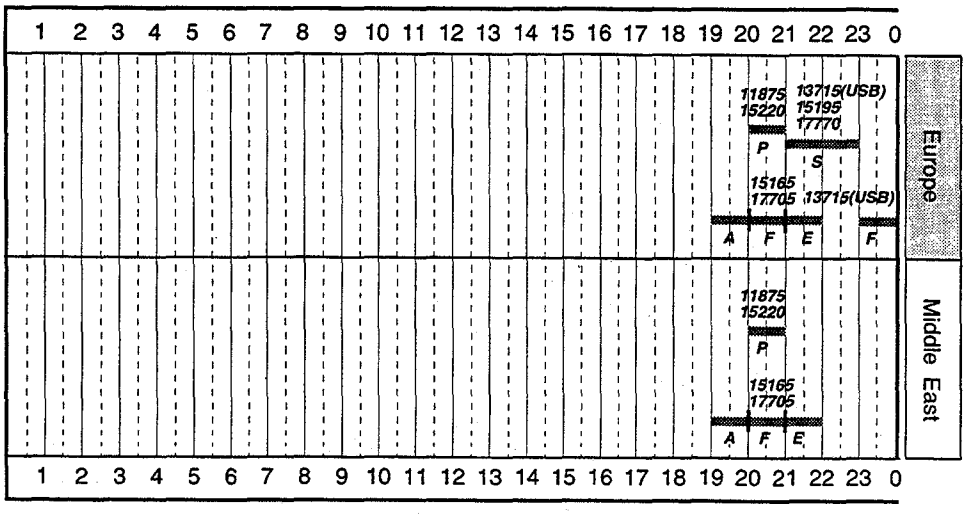


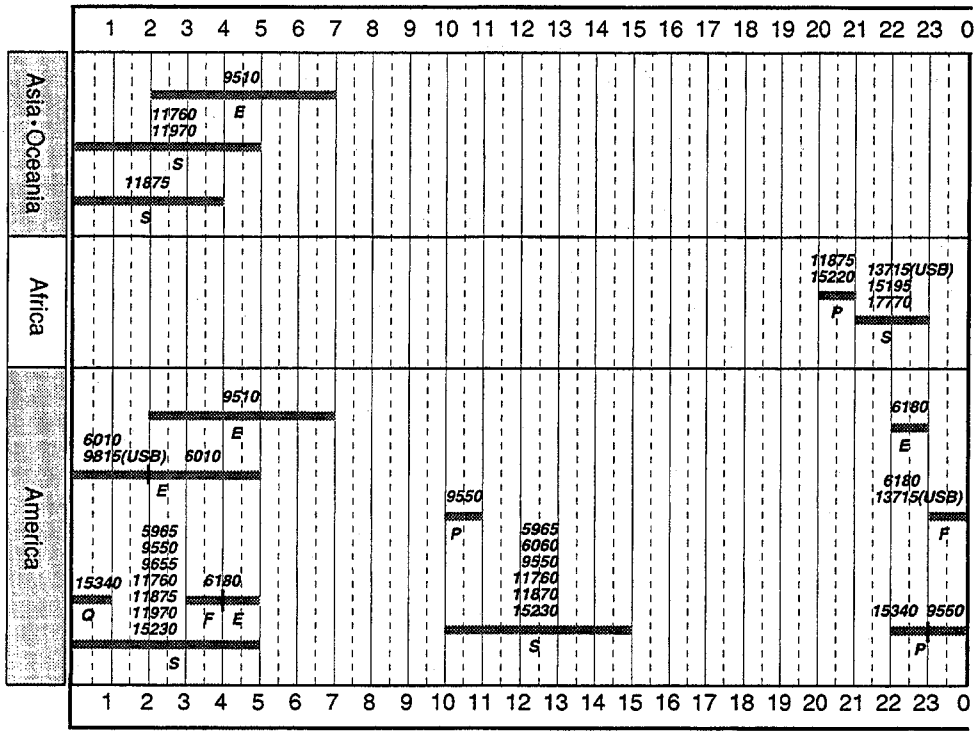
CUBA

●Radio Havana Cuba

●*"This is Radio Havana Cuba, transmitting from Cuba"*

UTC(GMT)



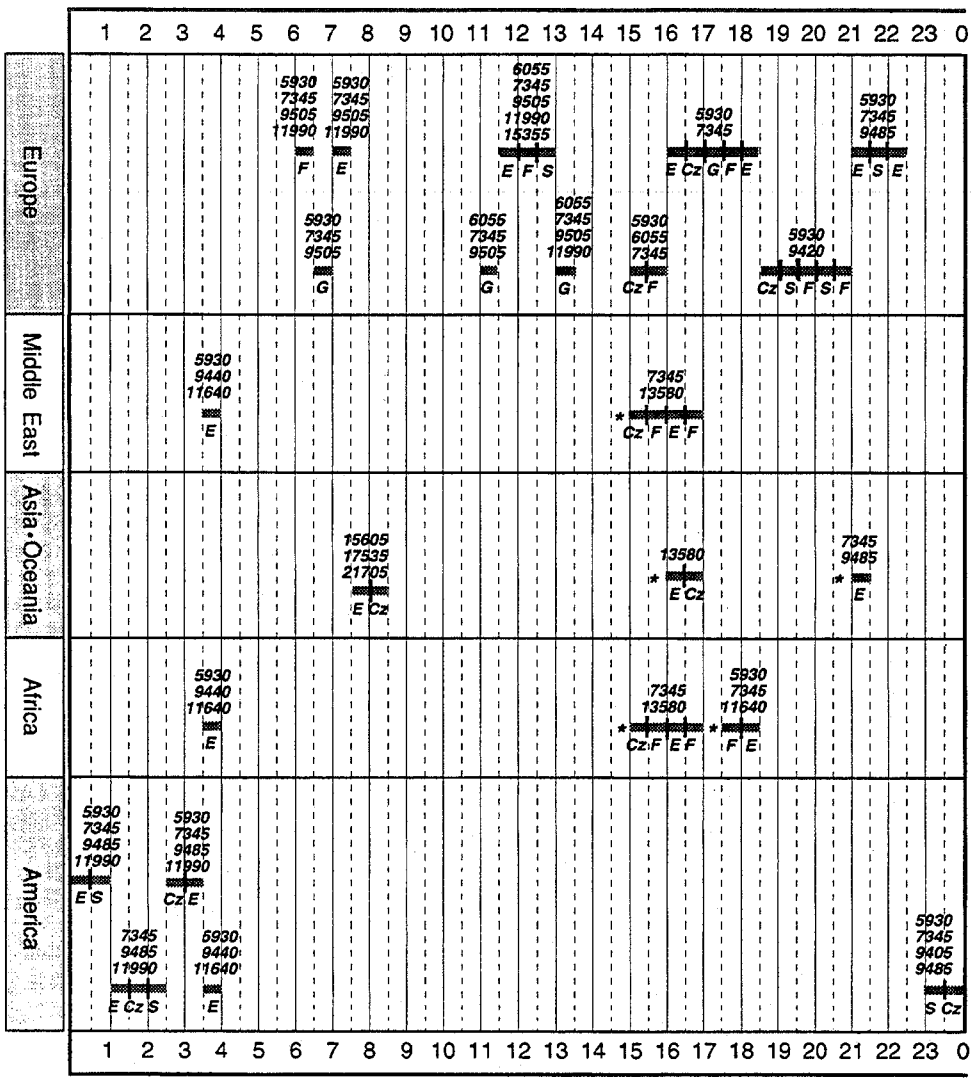


CZECH REPUBLIC

- Radio Prague (Radio Praha)
- *"Radio Prague, the external service of Czech Radio"*

* & European Services are one hour earlier in "Summer Time" seasons.

UTC(GMT)



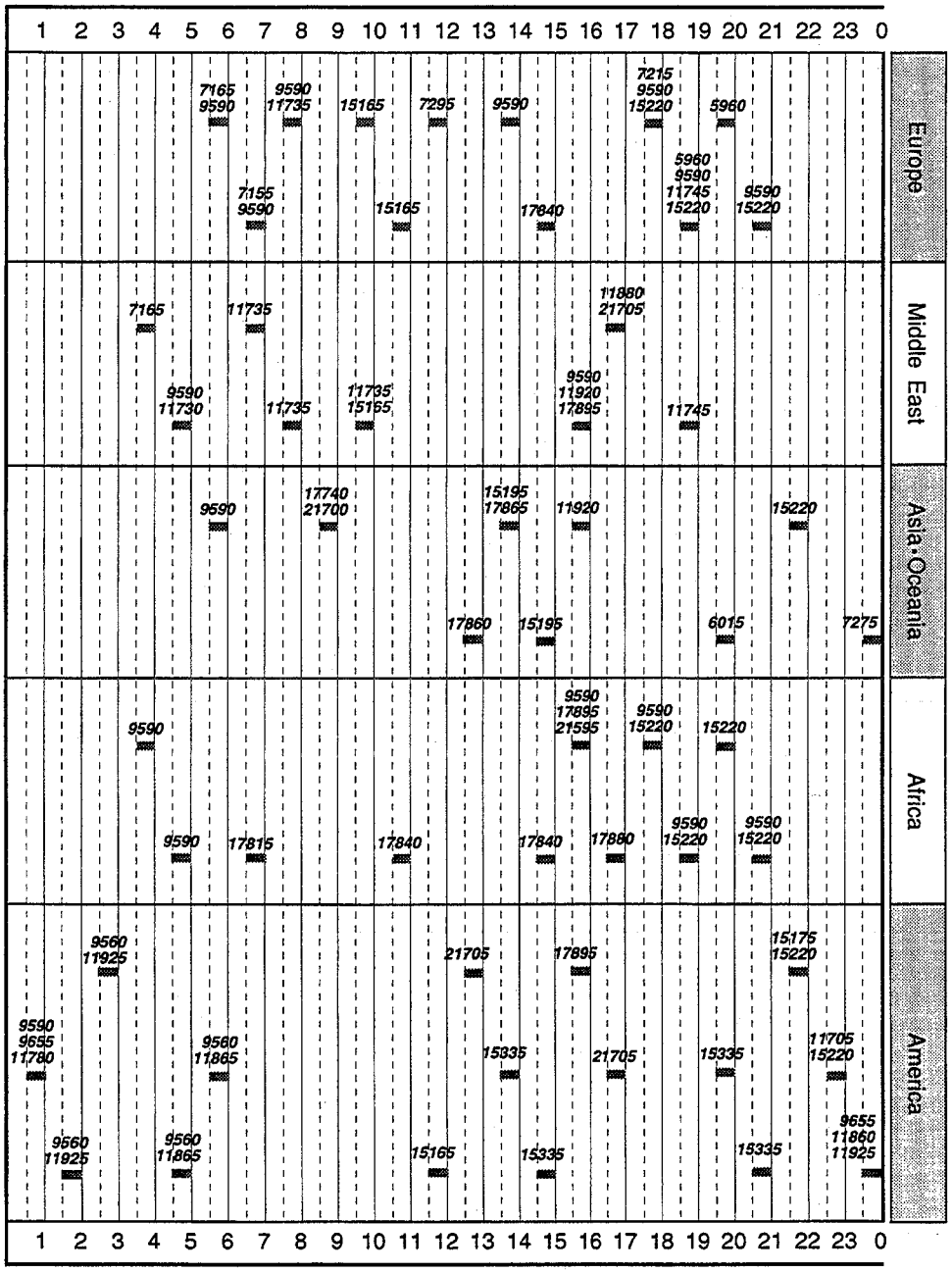
DENMARK

●Radio Denmark

●*"This is Radio Denmark"*

All transmissions are relay via Radio Norway International.
All in Danish.

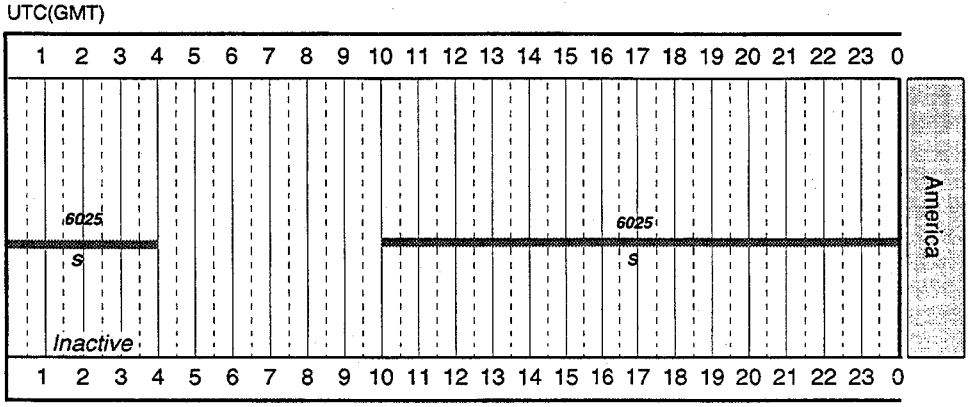
UTC(GMT)



DOMINICAN REPUBLIC

●Radio Amanecer Internacional

UTC(GMT)

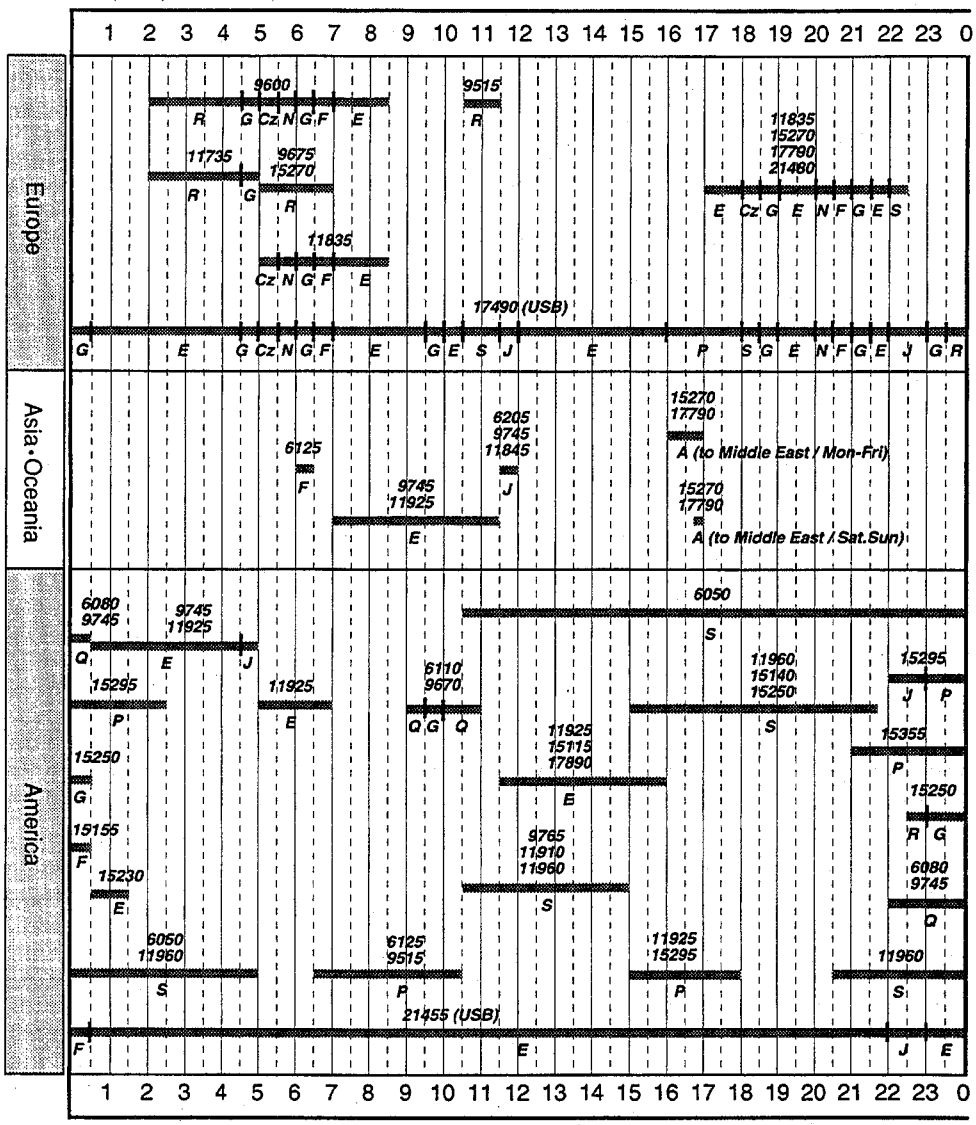


ECUADOR

●Voice of the Andes (HCJB)

●*"This is the Voice of the Andes. HCJB, Quito, Ecuador"*

UTC(GMT)

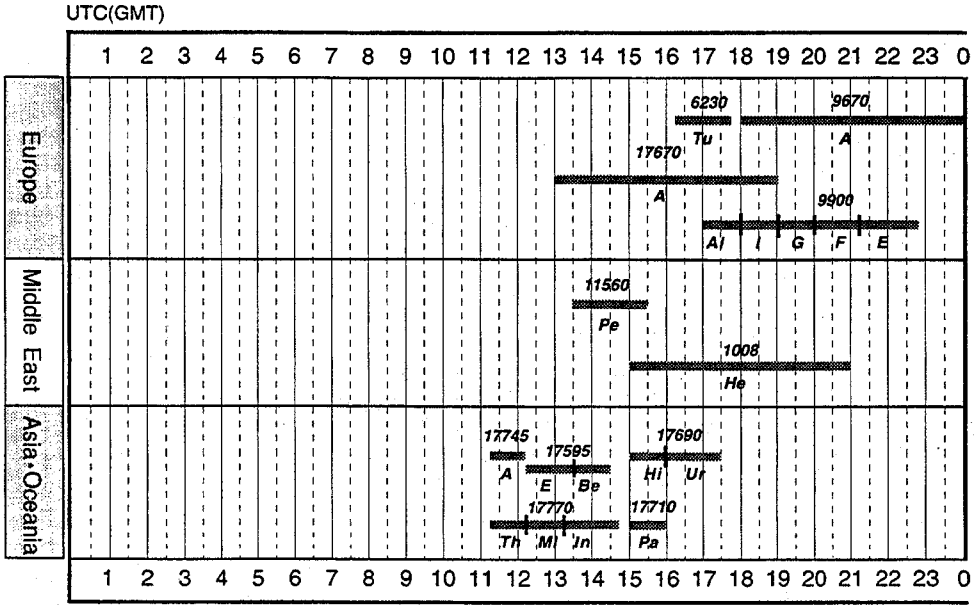


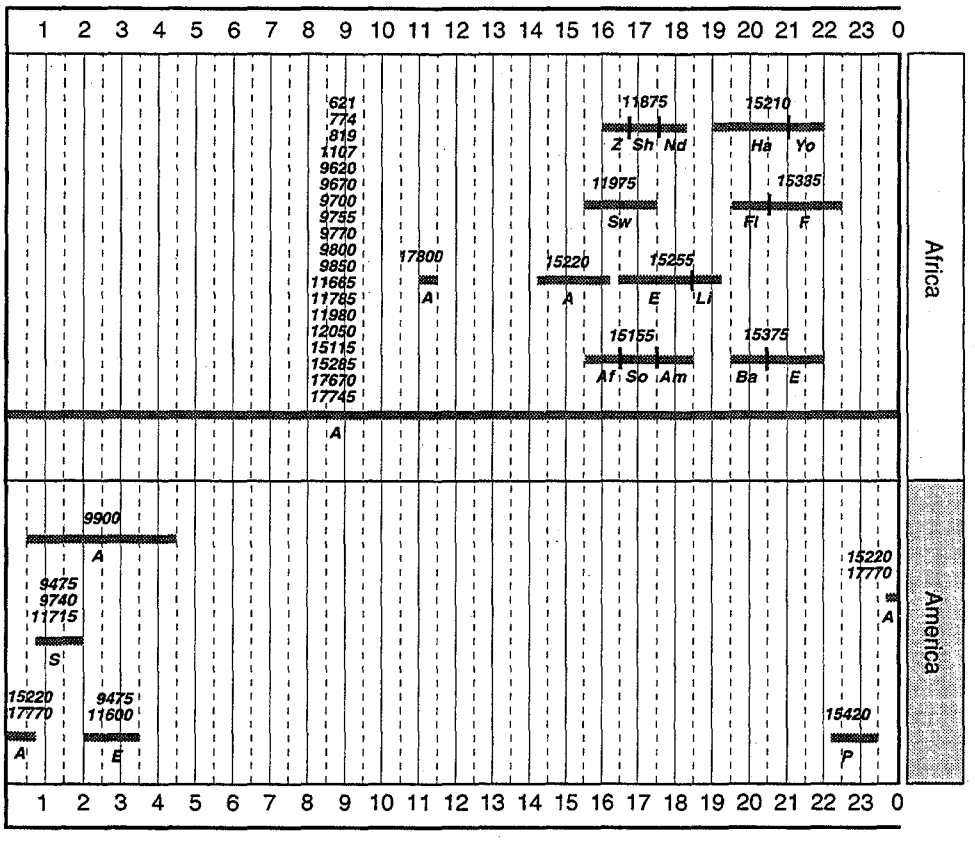
EGYPT

●Radio Cairo

●*"This is Radio Cairo"* *"Hunal El Kahira"*

UTC(GMT)

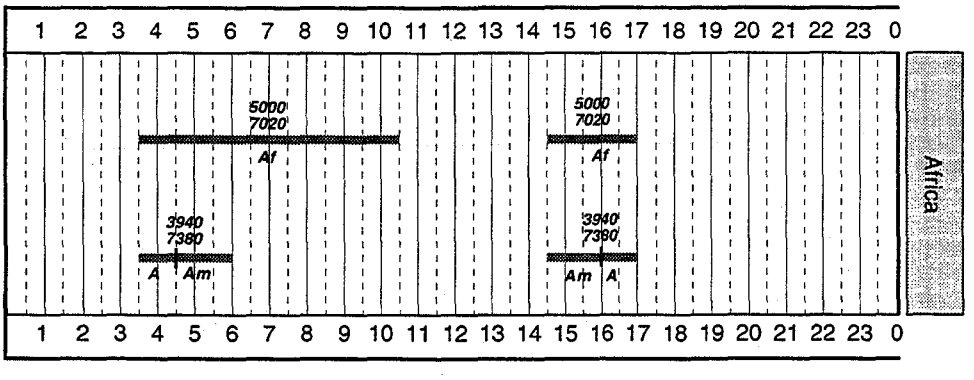




ERITREA

●Voice of the Broad Masses of Eritrea

UTC(GMT)



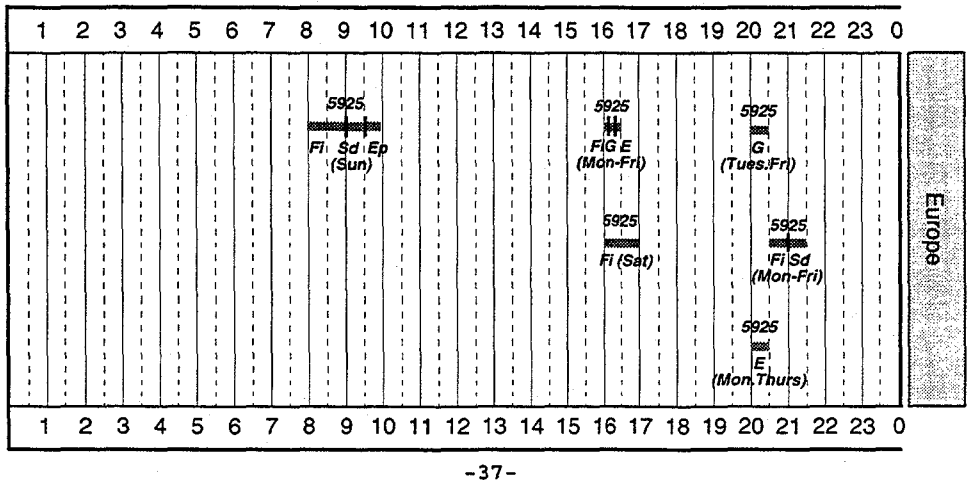
ESTONIA

●Radio Estonia

●*"This is Radio Estonia"*

"Summer Time" seasons are one hour earlier.

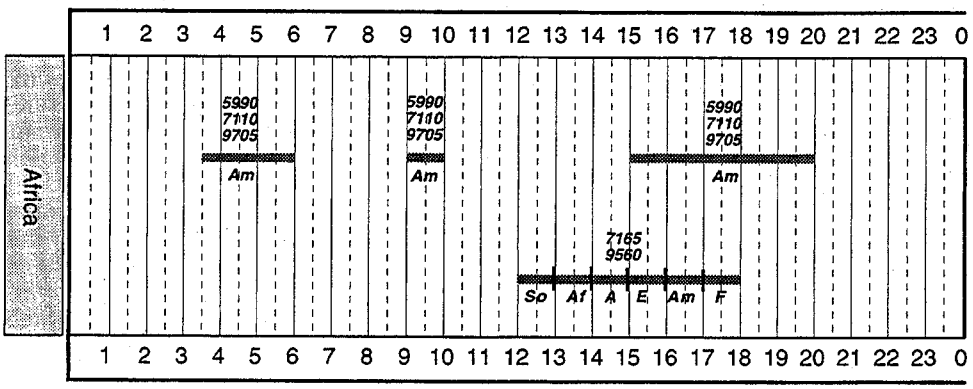
UTC(GMT)



ETHIOPIA

- Voice of Ethiopia
- *"This is the External Service of the Voice of Ethiopia"*

UTC(GMT)

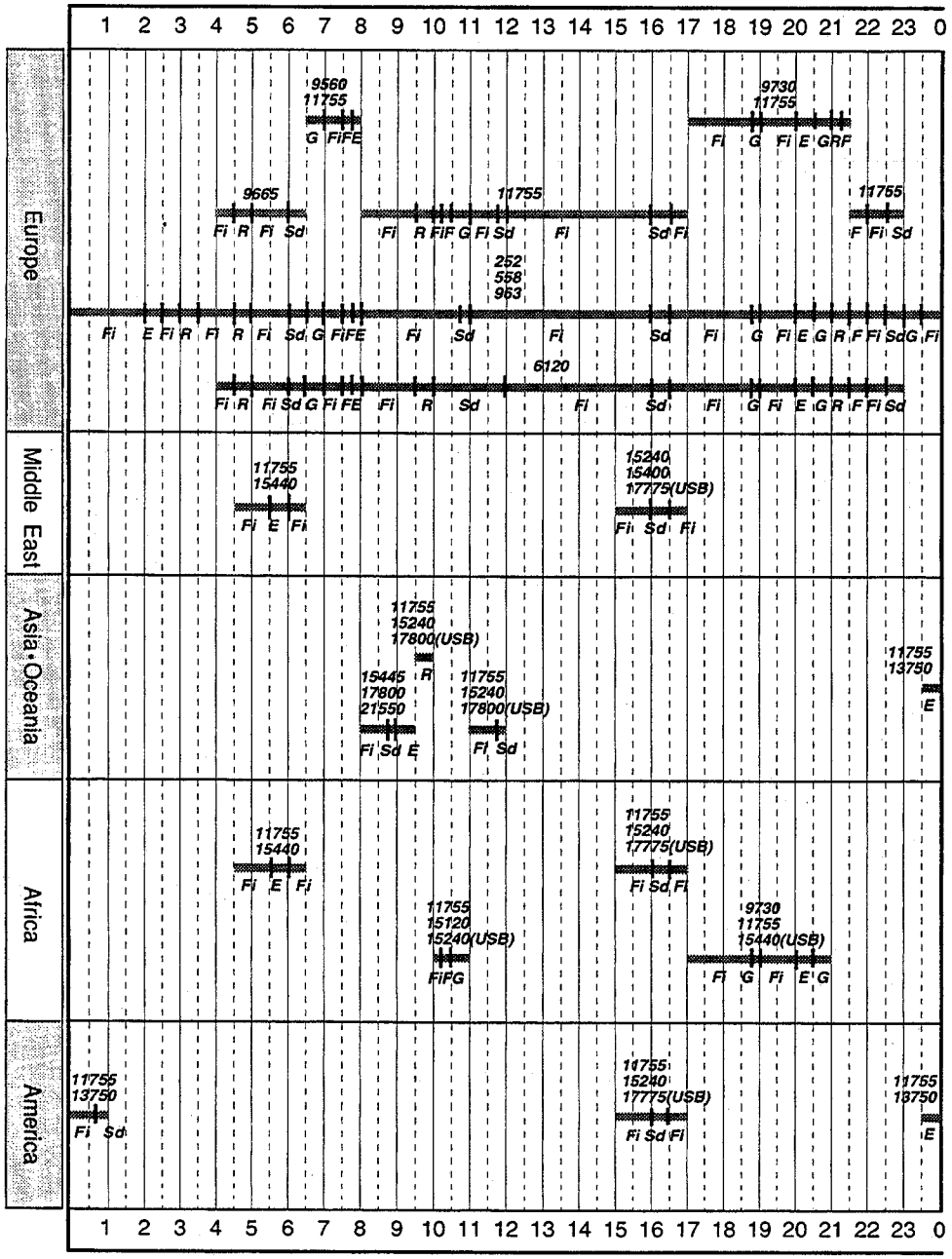


FINLAND

- Radio Finland
- *"This is Radio Finland"*

"Summer Time" seasons are one hour earlier.

UTC(GMT)

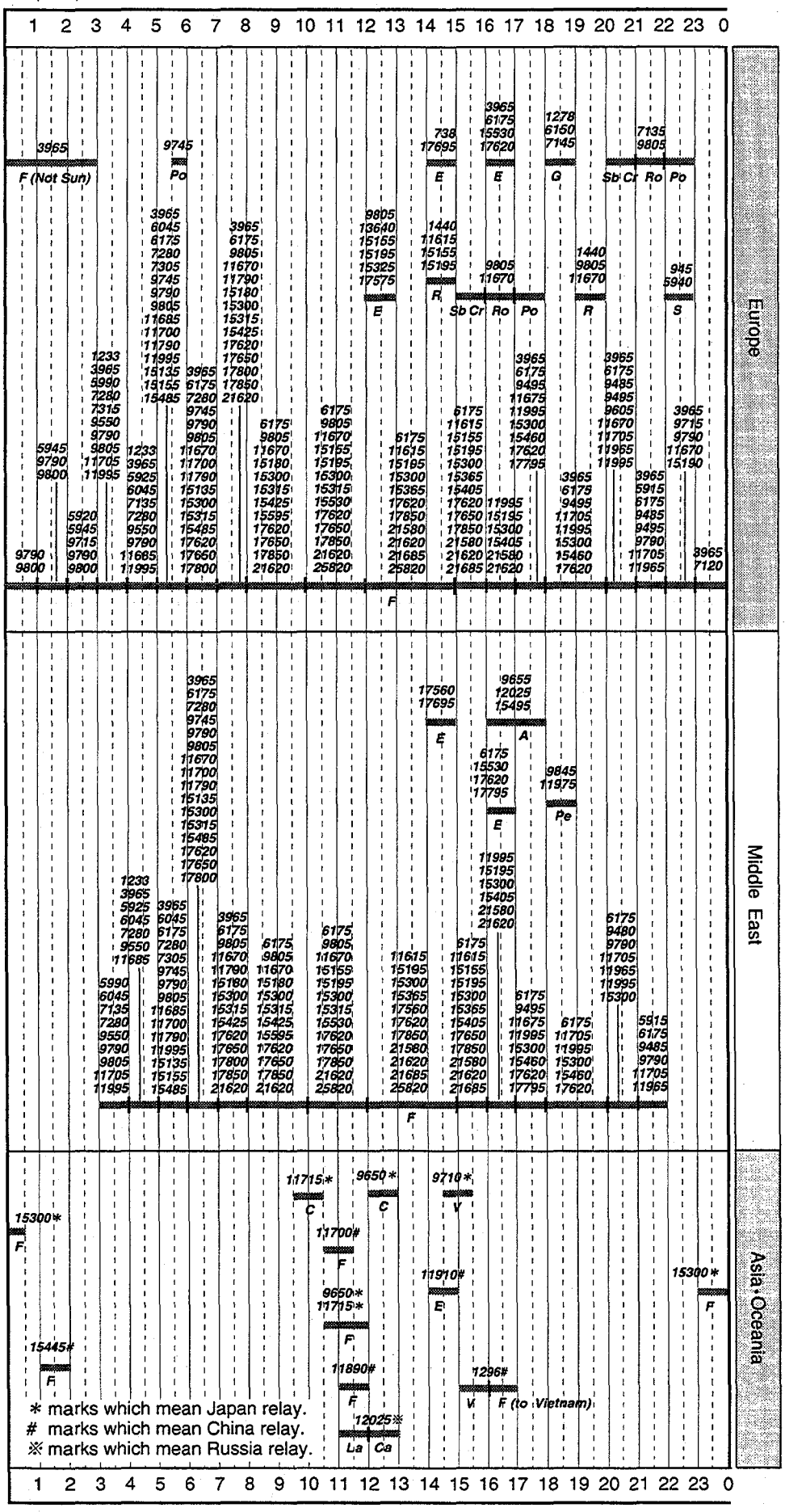


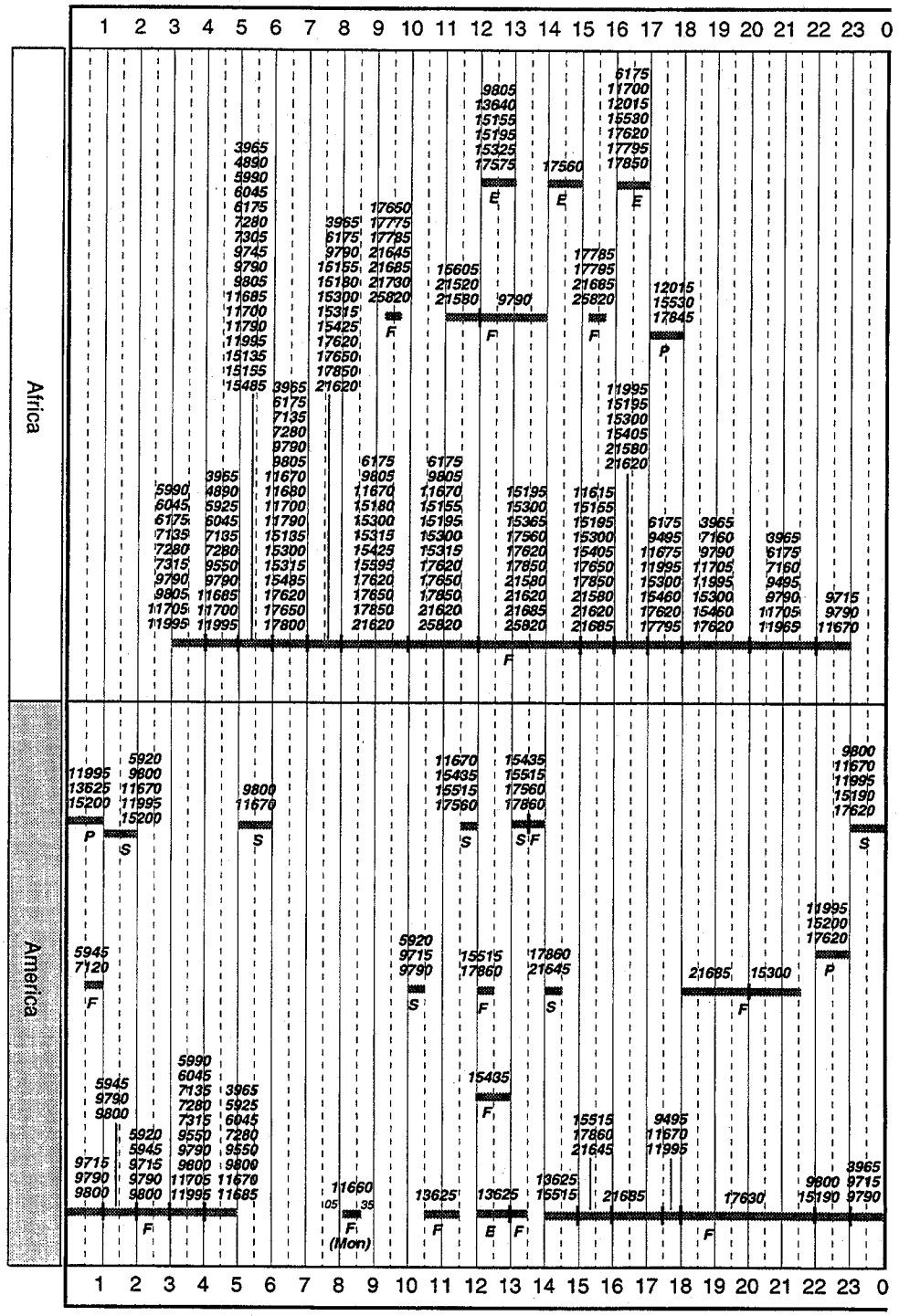
FRANCE

- Radio France International
- *"Ici Paris, Radio France Internationale"*

"Summer Time" seasons for European Services (except French) are one hour earlier.

UTC(GMT)

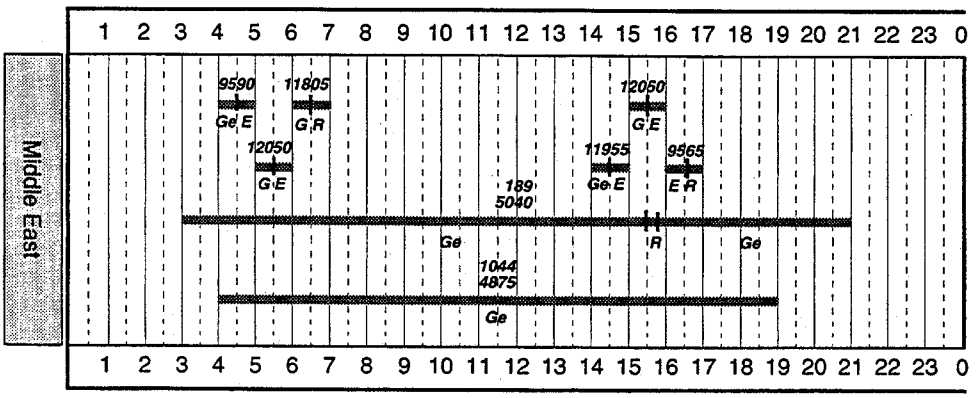




GEORGIA

- Radio Georgia
- *"This is Radio Georgia"*

UTC(GMT)



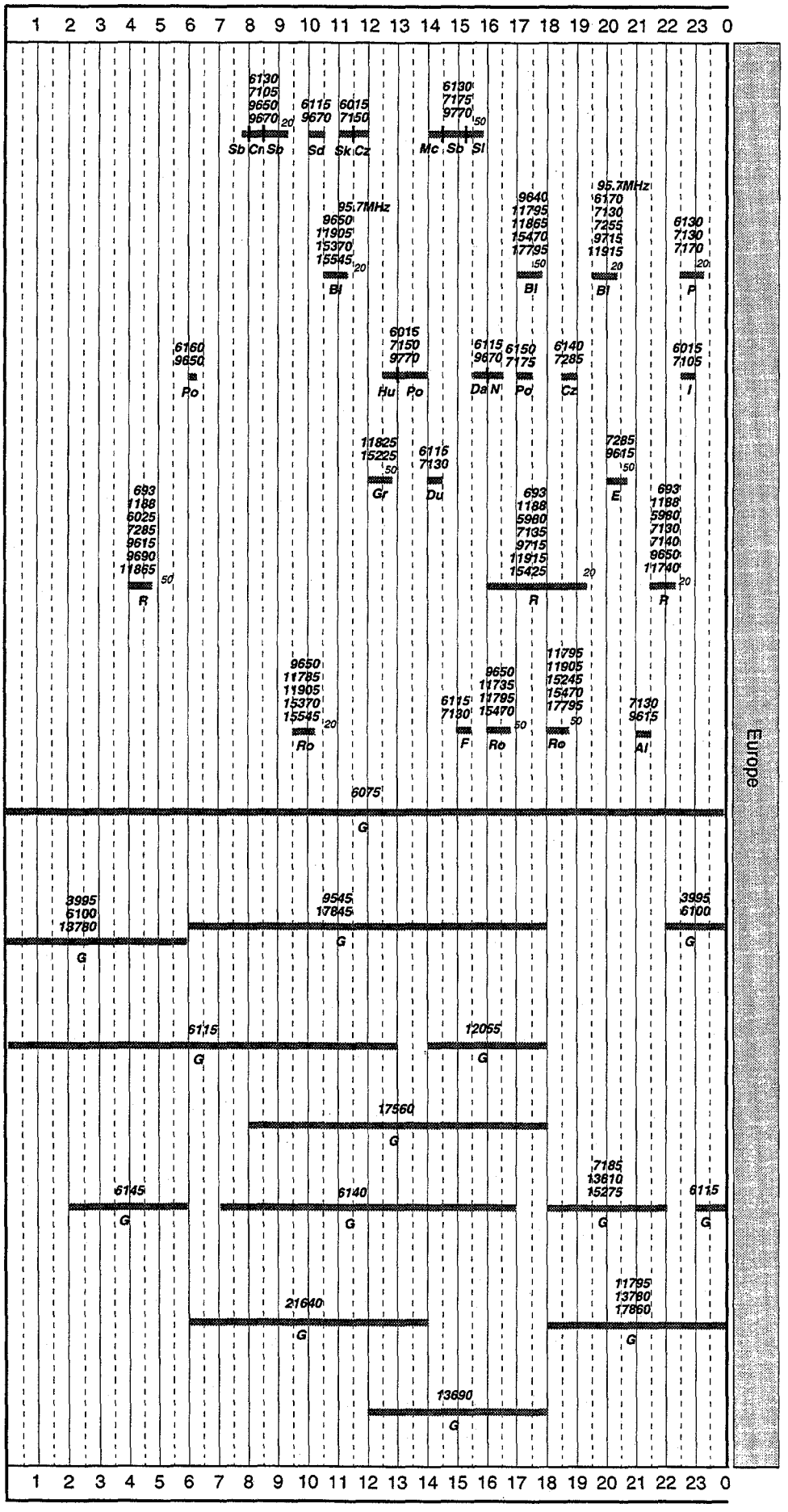
GERMANY

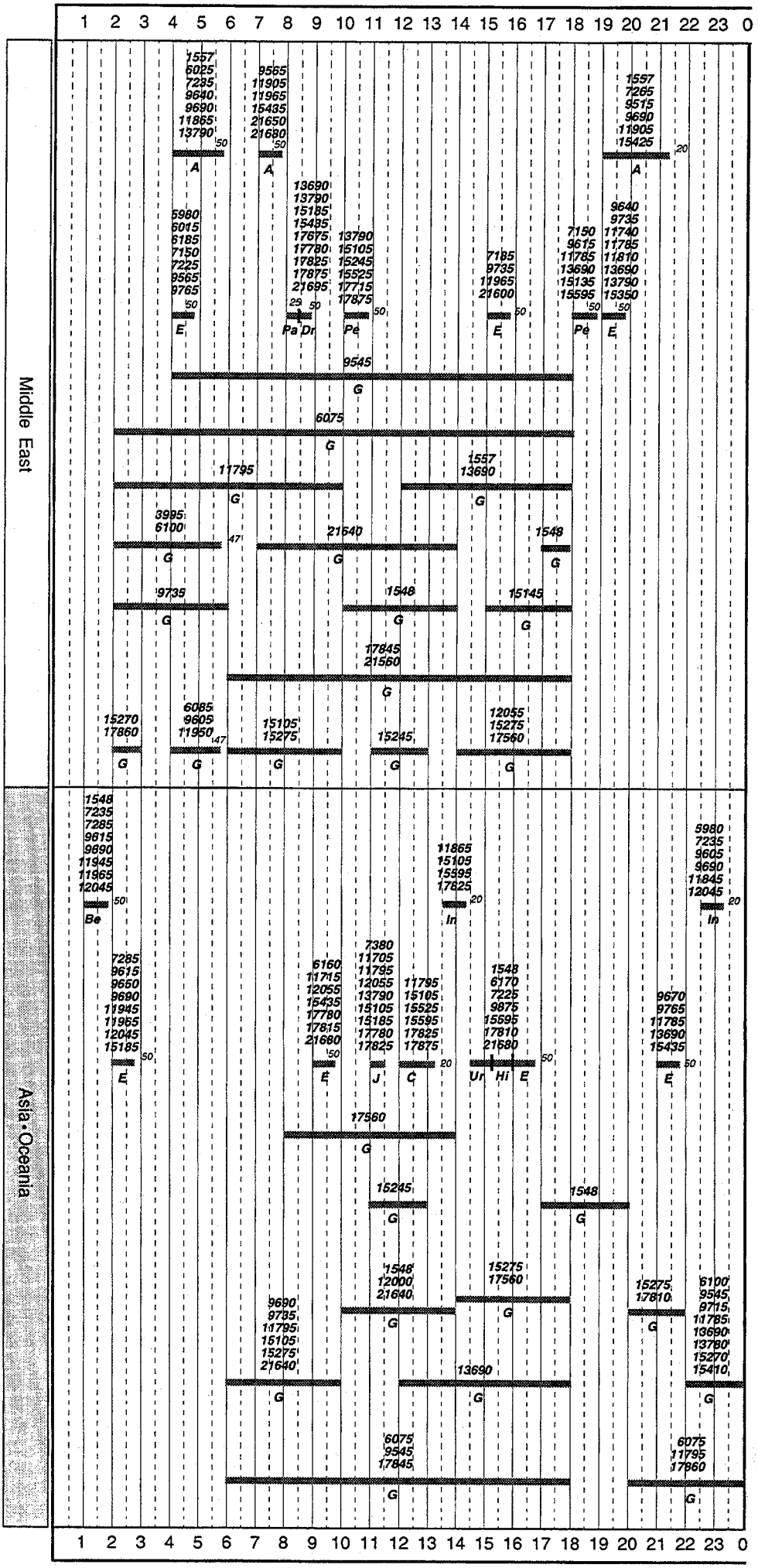
●Deutsche Welle

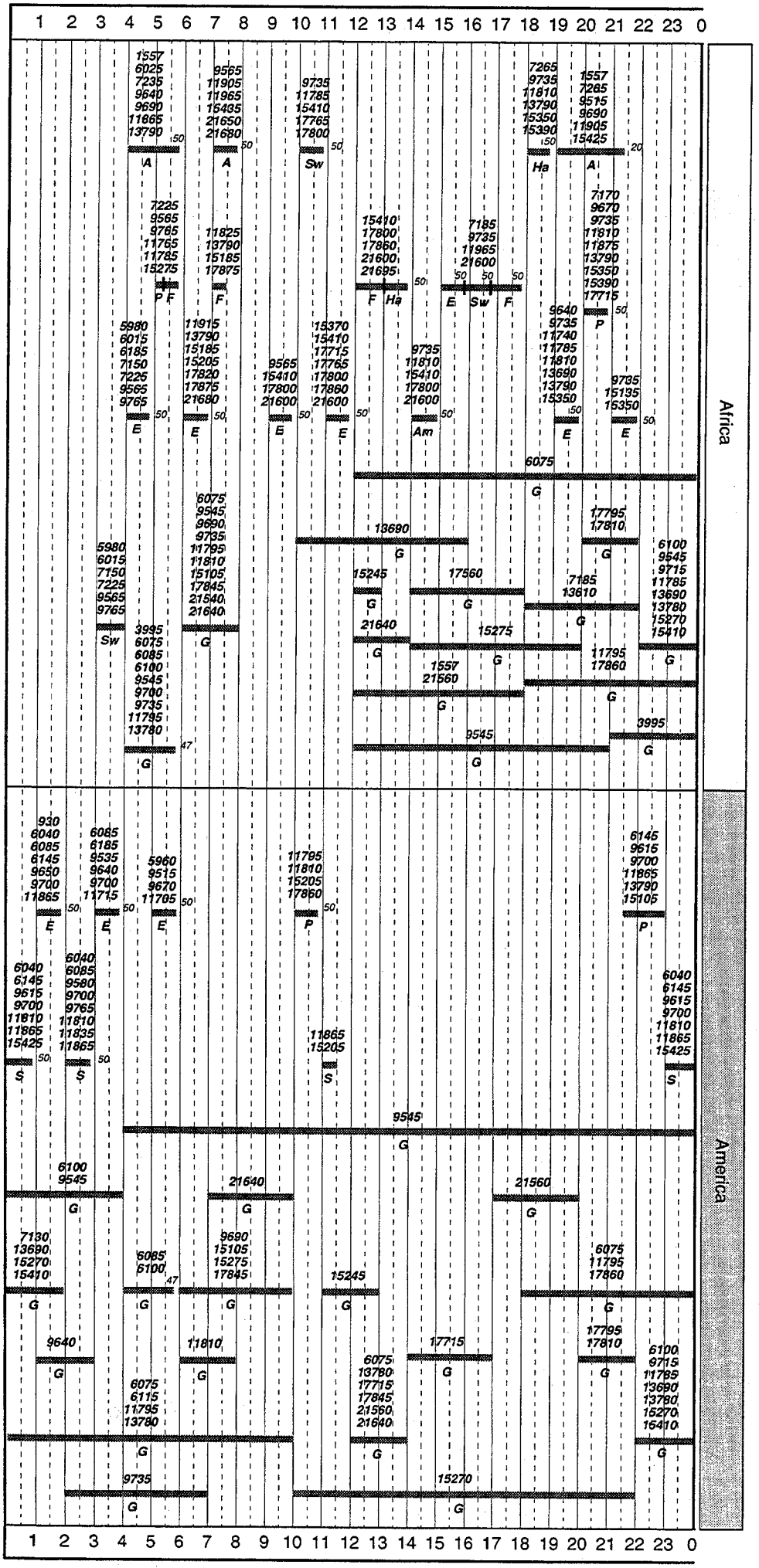
●*"This is Radio Deutsche Welle, the Voice of Germany"*

"Summer Time" seasons for European Services (except German) are one hour earlier.

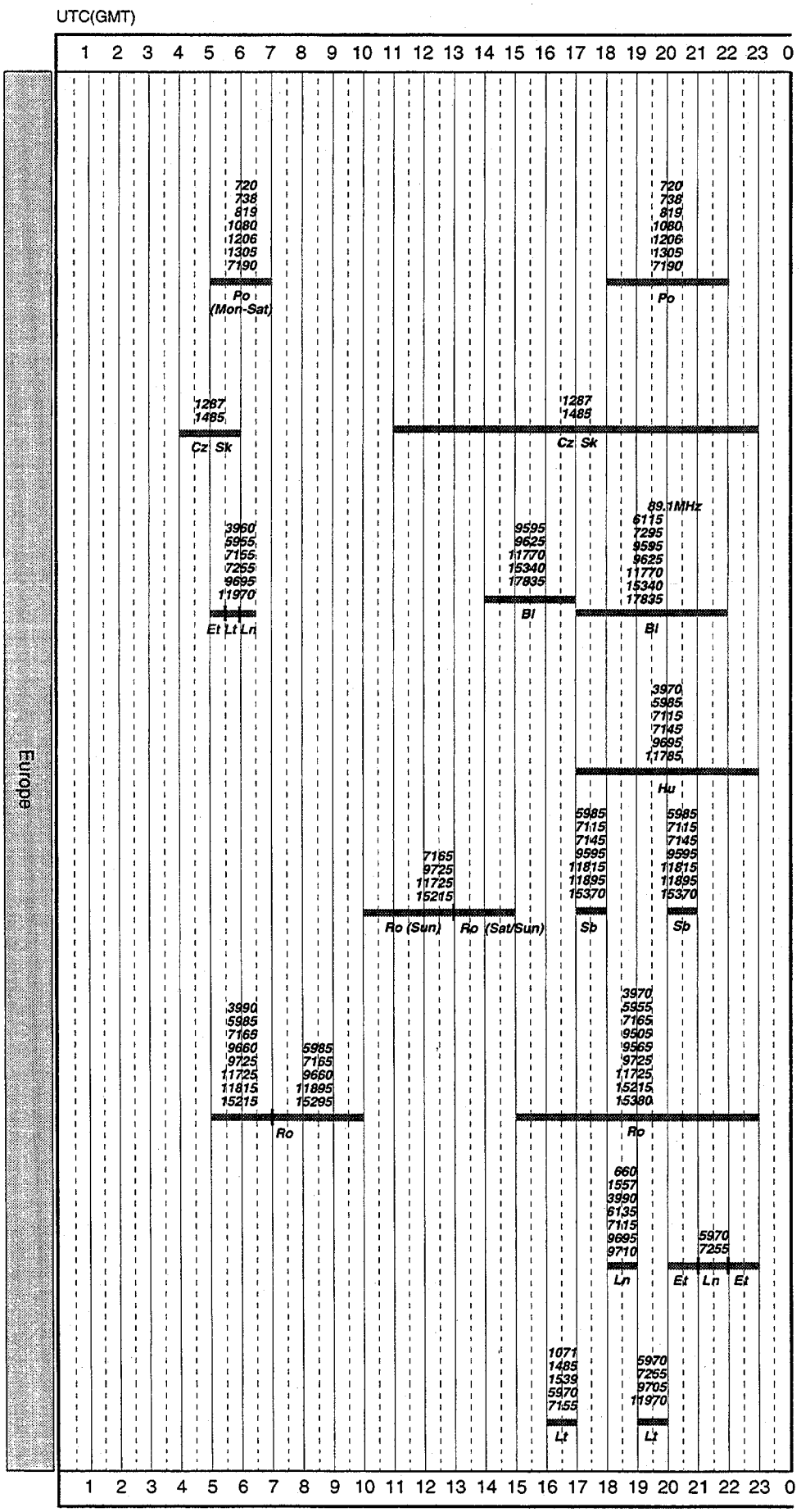
UTC(GMT)




1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
Middle East
Asia • Oceania
1557 6025 7235 9640 9690 11865 13790 50 A
9565 11905 11965 15435 21650 21680 50 A
1557 7265 9515 9690 11905 15425 20 A
13690 13790 15185 15435 17675 17780 17825 17875 21695 25 50 Pa Dr
13790 15105 15245 15525 17715 17875 50 Pé
7185 9735 11965 21600 50 E
7150 9615 11785 13690 15135 15595 50 Pé
9640 9735 11740 11785 11810 13690 13790 15350 50 E
5980 6015 6185 7150 7225 9565 9765 50 E
9545 G
6075 G
11795 1557 13690 G G
3995 6100 47 G
21640 G
1548 G
9735 G
1548 G
15145 G
17845 21560 G
6085 9605 11950 147 G
15270 17860 G
15105 15275 G
15245 G
12055 15275 17560 G
1548 7235 7285 9615 9690 11945 11965 12045 50 Be
11865 15105 15595 17825 20 In
5980 7235 9605 9690 11845 12045 20 In
7285 9615 9650 9690 11945 11965 12045 15185 50 E
6160 11715 12055 15435 17780 17815 21680 50 E
7380 11705 11795 12055 13790 15105 15185 17780 17825 J
11795 15105 15525 15595 17825 17875 20 C
1548 6170 7225 9875 15595 17810 21680 50 Ur Hi E
9670 9765 11785 13690 15435 50 E
17560 G
15245 G
1548 G
1548 12000 21640 G
15275 17560 G
9690 9735 11795 15105 15275 21640 G
13690 G
15275 17810 G
6100 9545 9715 11785 13690 13780 15270 15410 G
6075 9545 17845 G
6075 11795 17860 G
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0

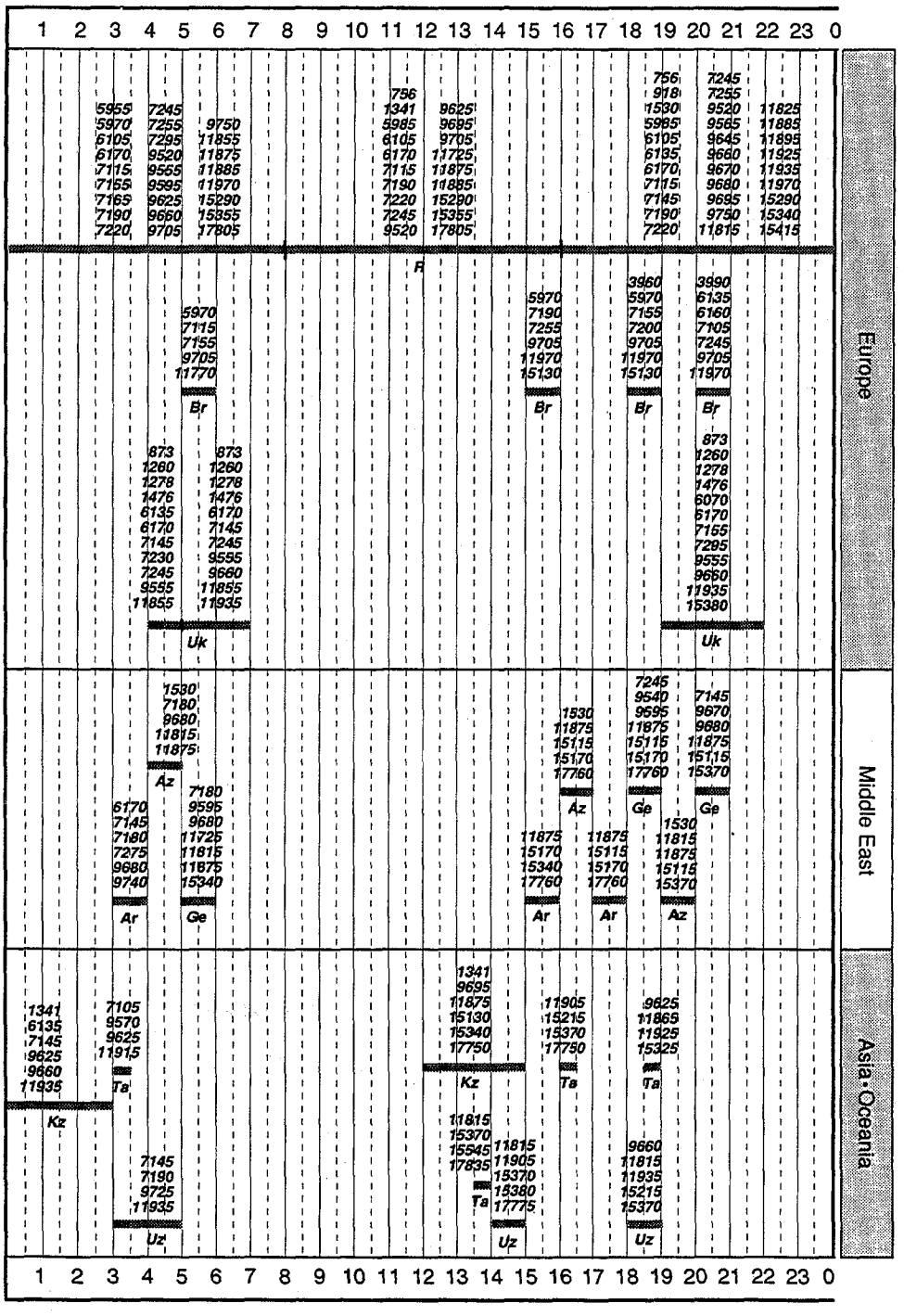

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
Africa
America
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0

● Radio Free Europe (RFE)
● *"Vola ceskoslovenska stanice rozhiasu Svobodna Evropa"*
"Itt a Szabad Europe Radio"
"Mowi Rozglosnia Polska Radia Woina Europa"
"Aici e Radio Europa Libera" "Tuk e Radio Svobodna Evropa"
"Summer Time" seasons are one hour earlier.



●Radio Liberty (RL)
"Summer Time" seasons are one hour earlier.

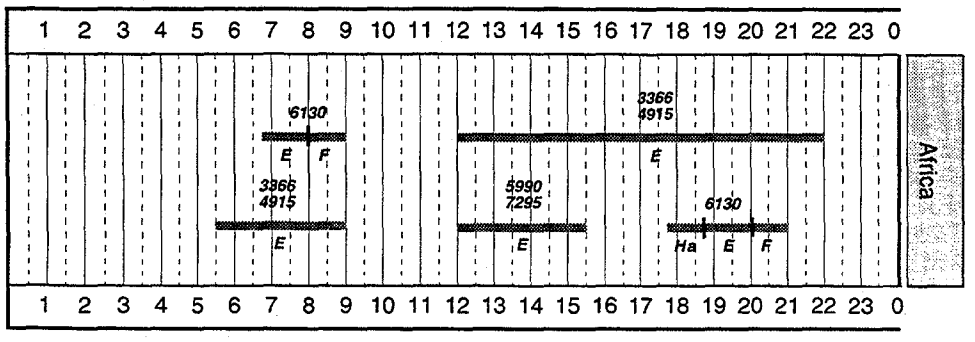
UTC(GMT)



GHANA

●Radio Ghana (GBS)
●*"This is Radio Ghana"*

UTC(GMT)

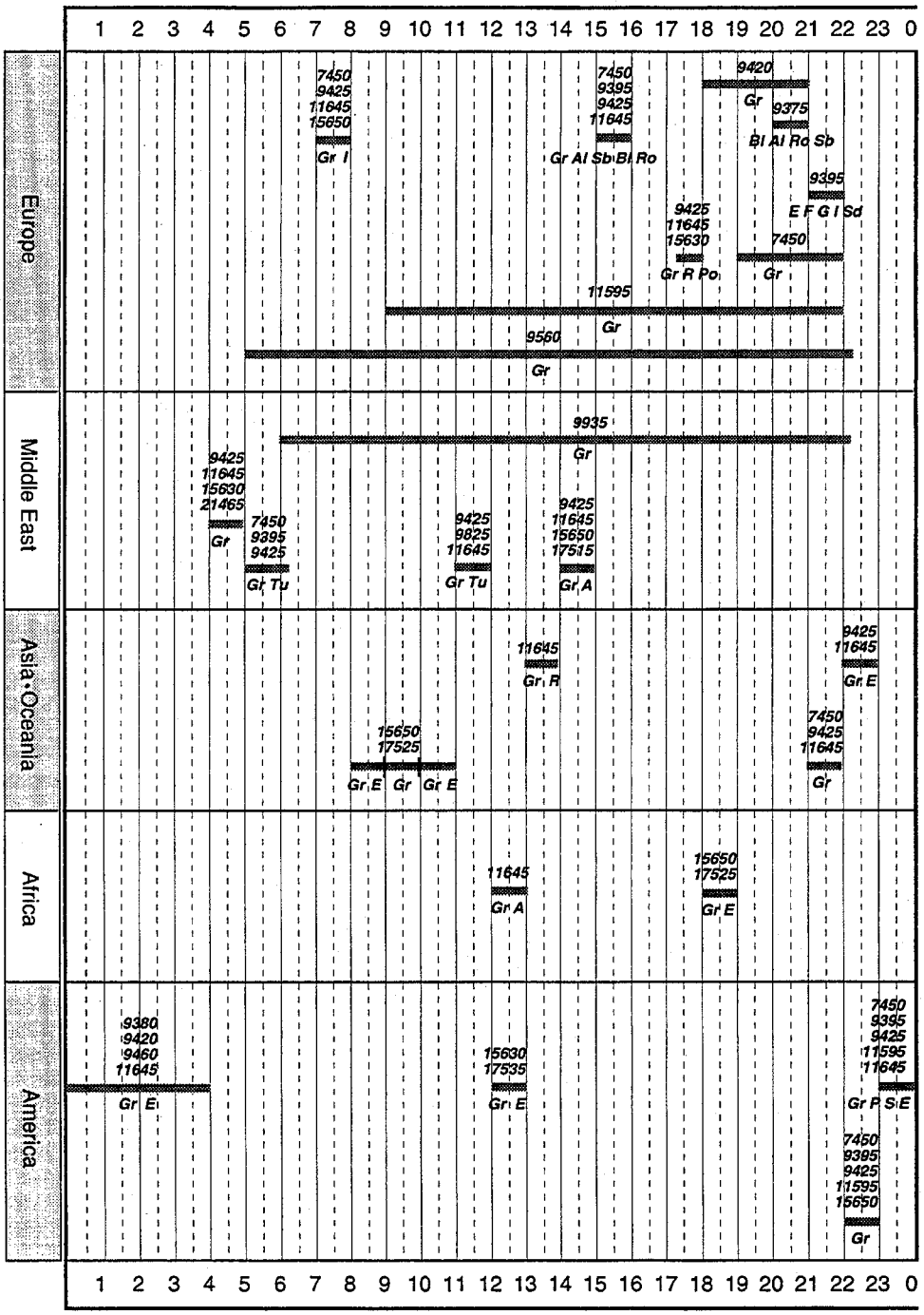


GREECE

●Voice of Greece

●*"This is Athens, You are listening to the Voice of Greece"*

UTC(GMT)

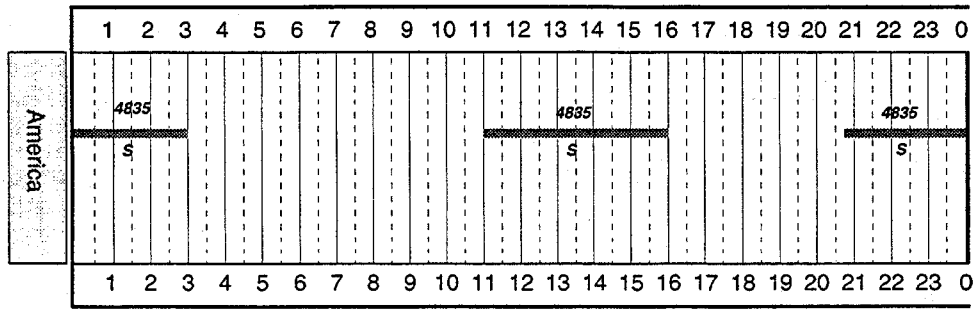


GUATEMALA

●Radio Tezulutlan

●*"TGTZ, Radio Tezulutlan"*

UTC(GMT)

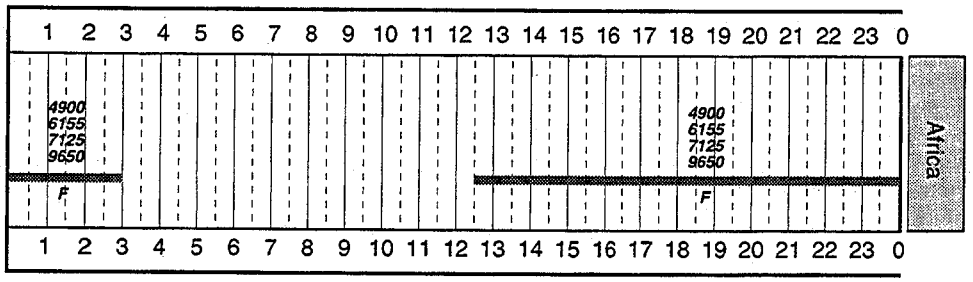


GUINEAN REPUBLIC

●Radiodiffusion Television Guineenne

●*"Ici Radio Conakry"*

UTC(GMT)

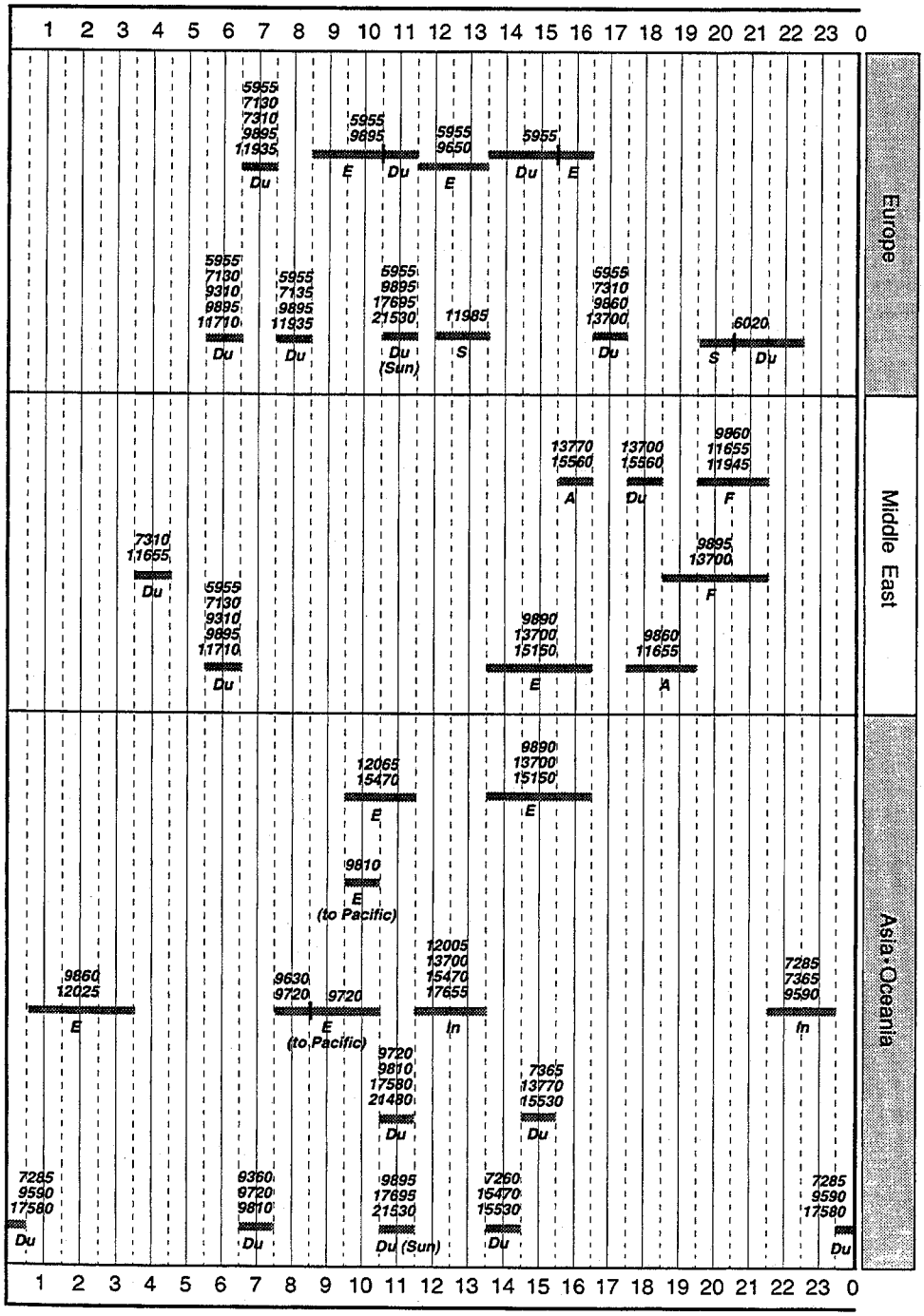


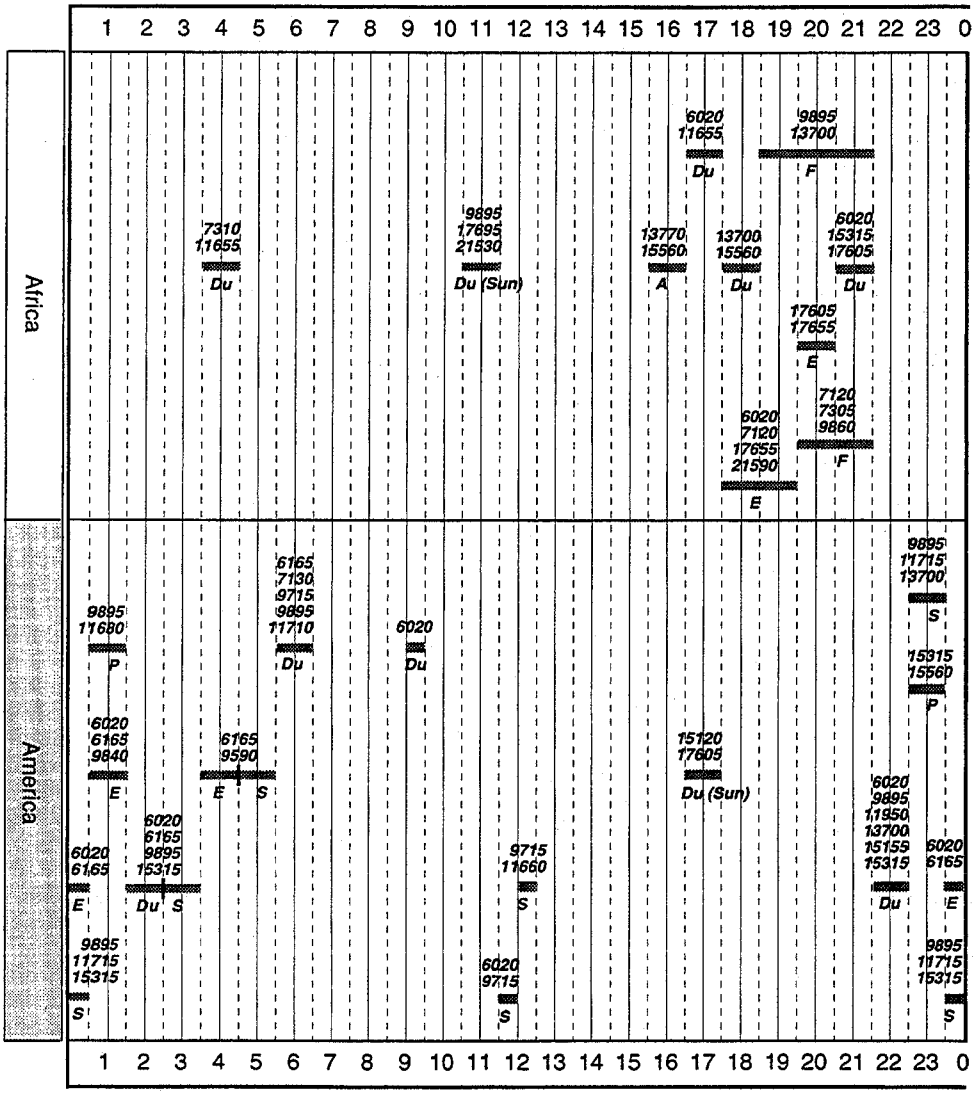
HOLLAND

●Radio Nederland

●*"This is Radio Netherlands,the Dutch International Service"*
"Hier is Radio Nederland Wereldomroep in Hilversum"

UTC(GMT)





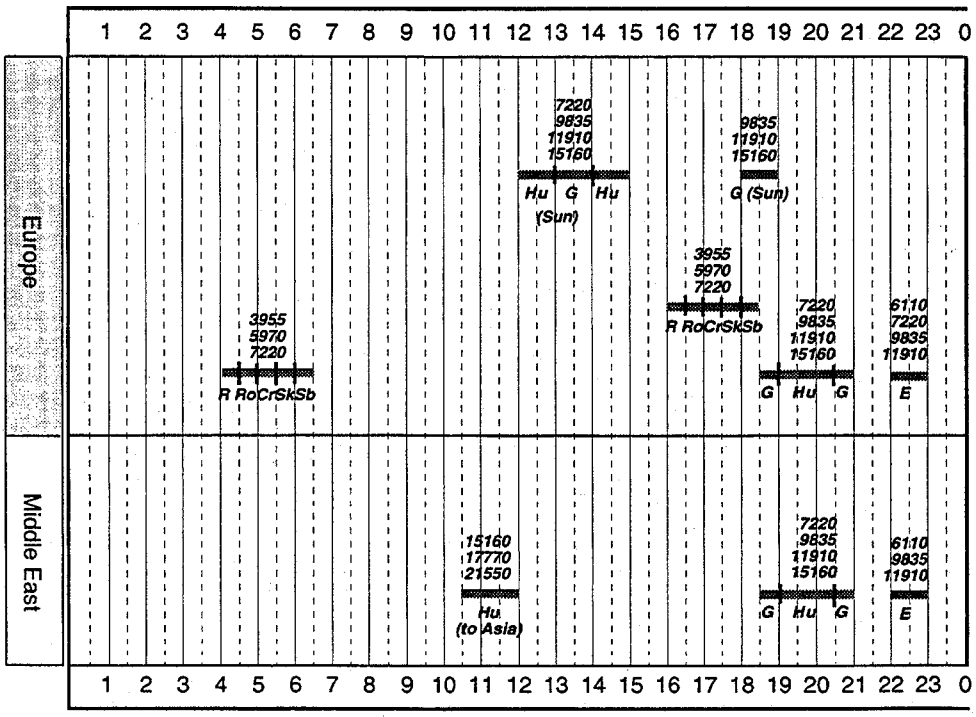
HUNGARY

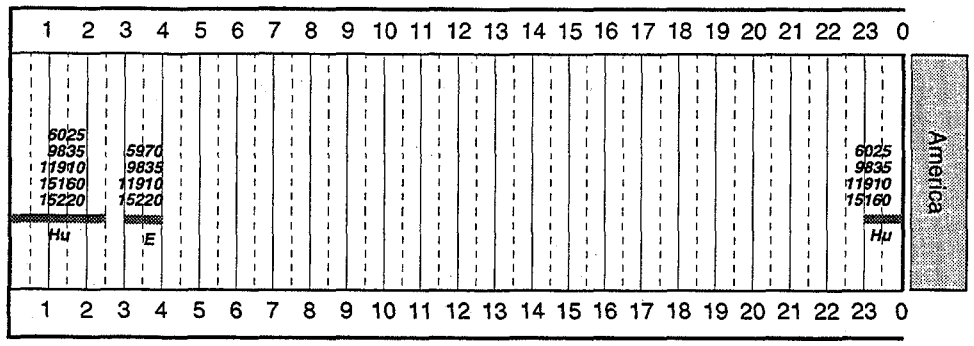
●Radio Budapest

●*"This is Radio Budapest, Hungary"*

"Summer Time" seasons are one hour earlier.

UTC(GMT)

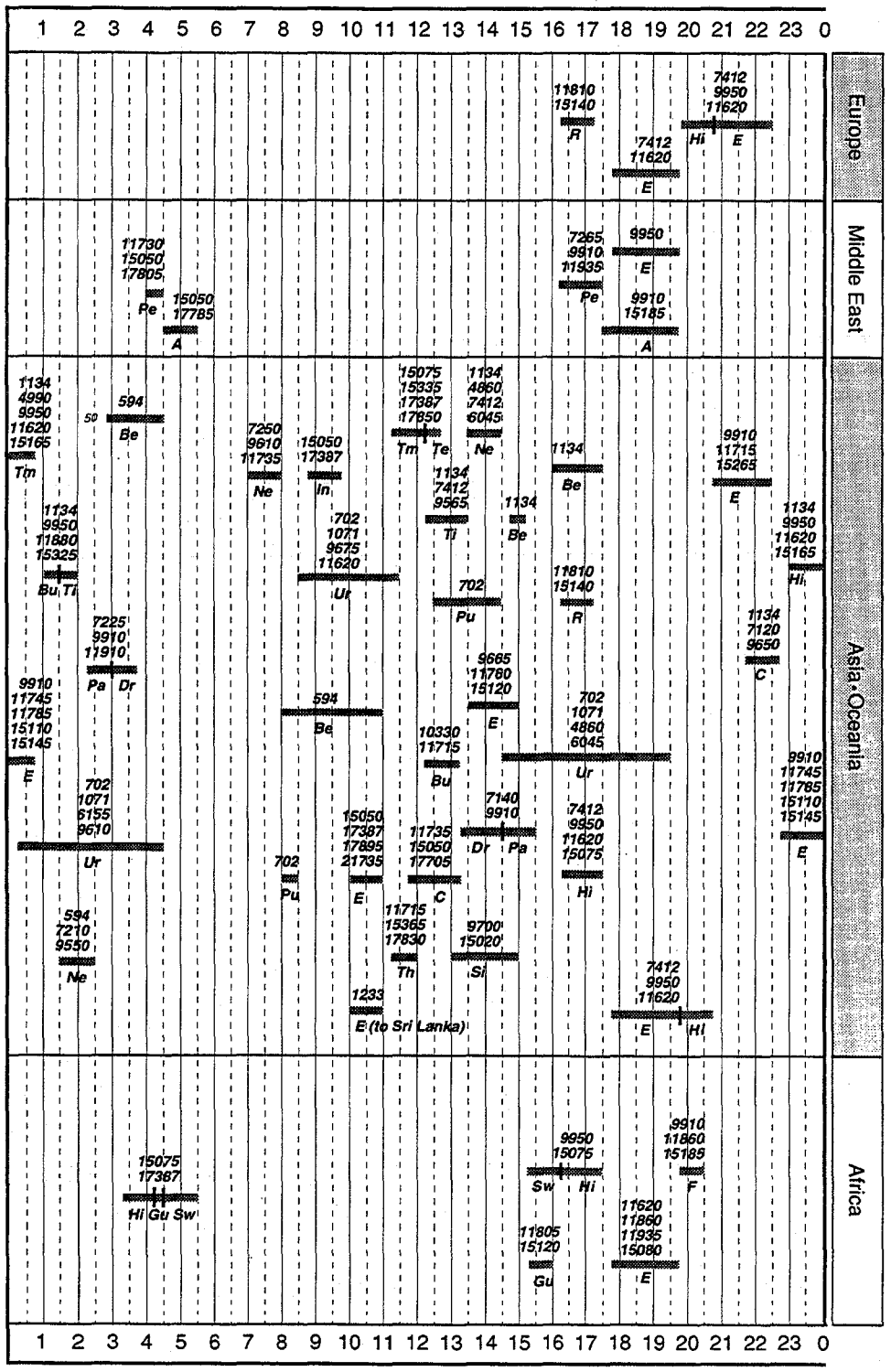




INDIA

- All India Radio
- *"This is All India Radio"*

UTC(GMT)

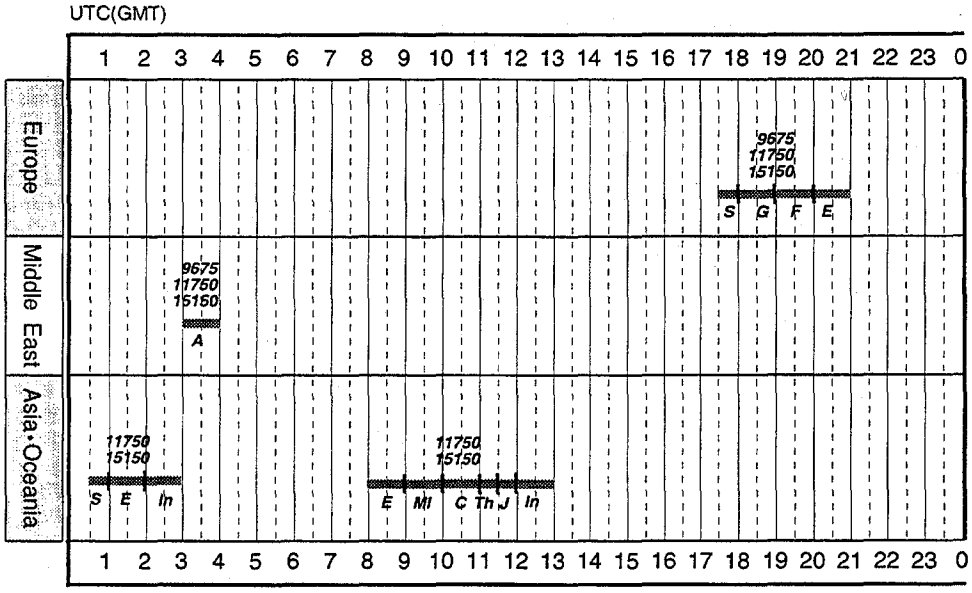


INDONESIA

●Voice of Indonesia

●*"This is the Voice of Indonesia Broadcasting from Jakarta"*

UTC(GMT)

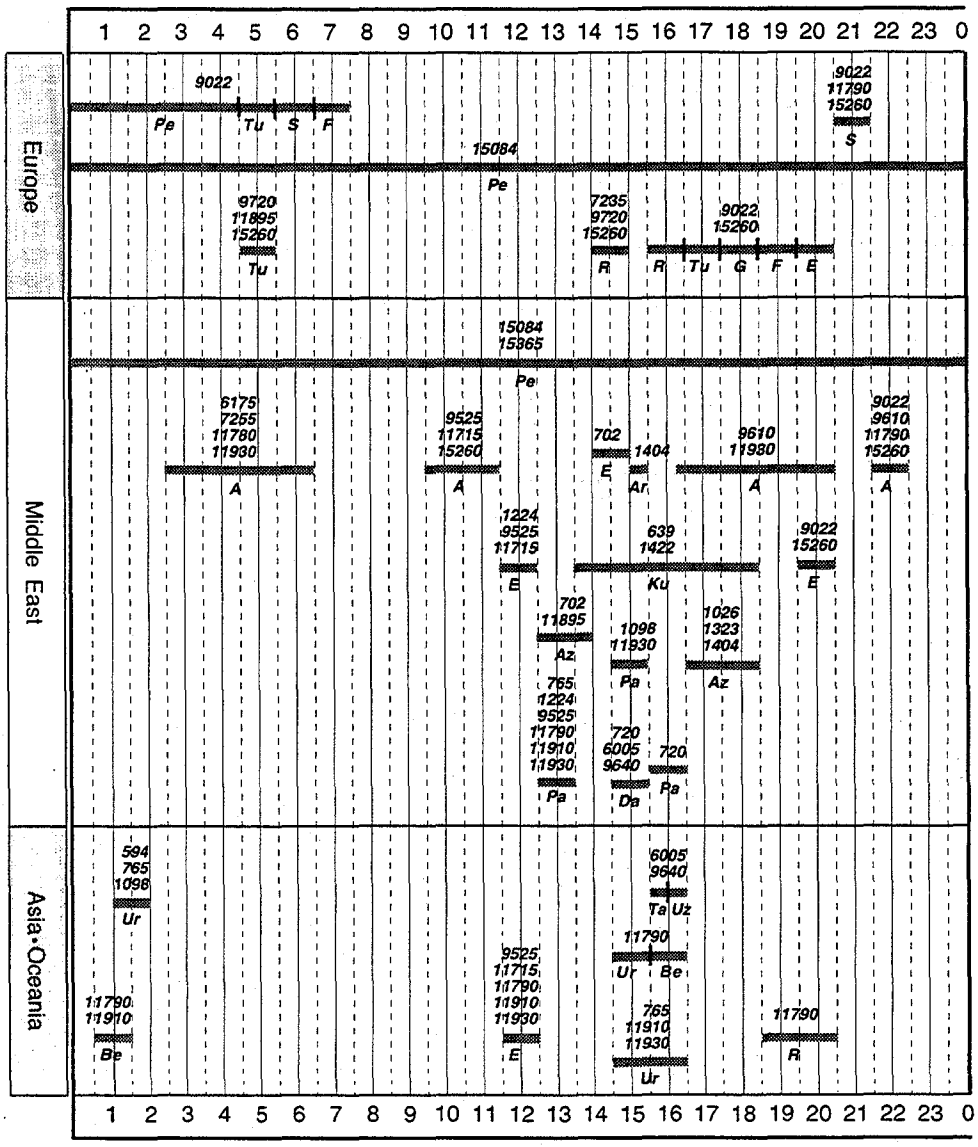


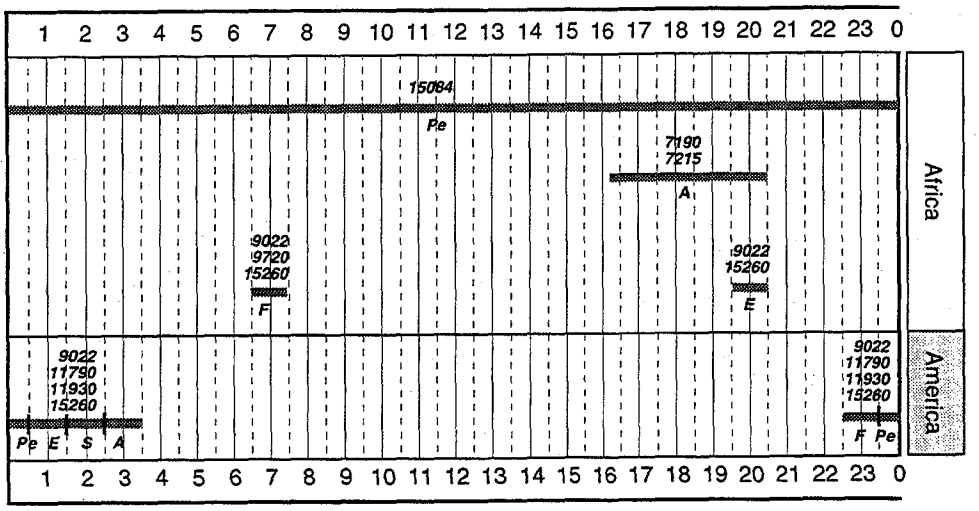
IRAN

●Voice of Islamic Republic of Iran

●*"This is Tehran, the Voice of Islamic Republic of Iran"*

UTC(GMT)



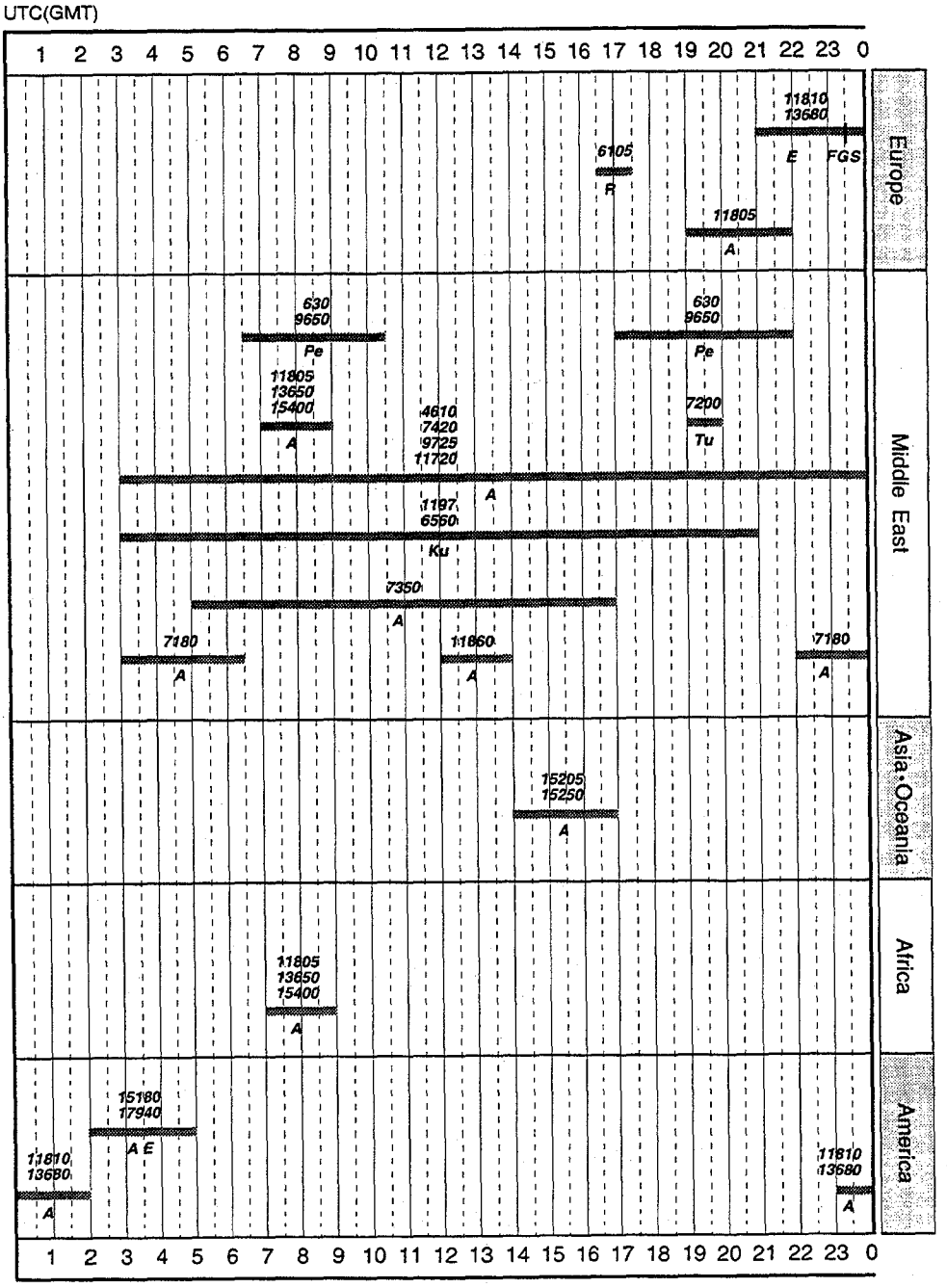


IRAQ

- Radio Iraq International
- *"Idha'at Al-Jumhoriya Al Iraqia Fi Baghdad"*

"Summer Time" seasons for European services are one hour earlier.

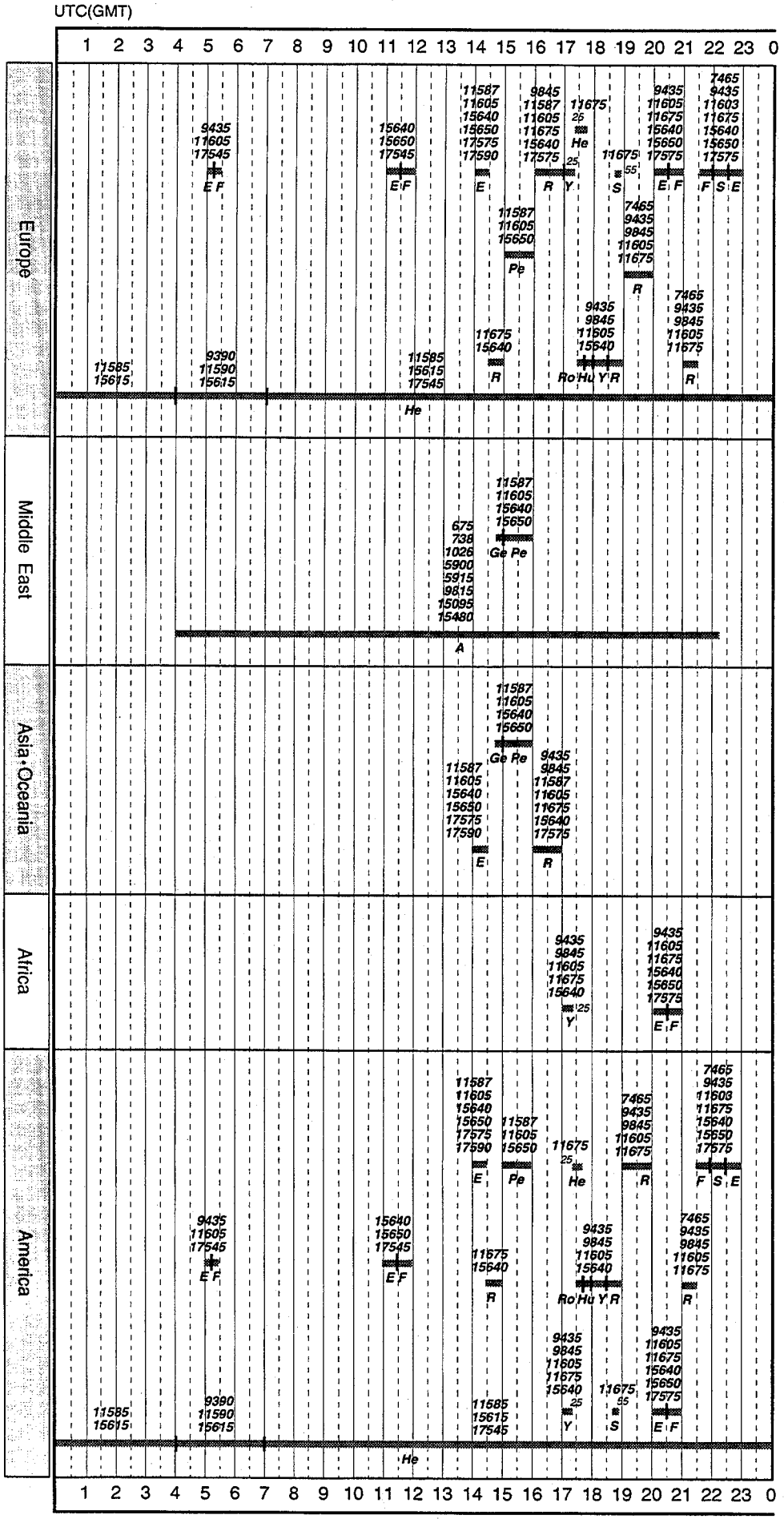
UTC(GMT)



ISRAEL

- Israel Broadcasting Authority
- *"This is Israel Broadcasting from Jerusalem"*

"Summer Time" seasons are one hour earlier.

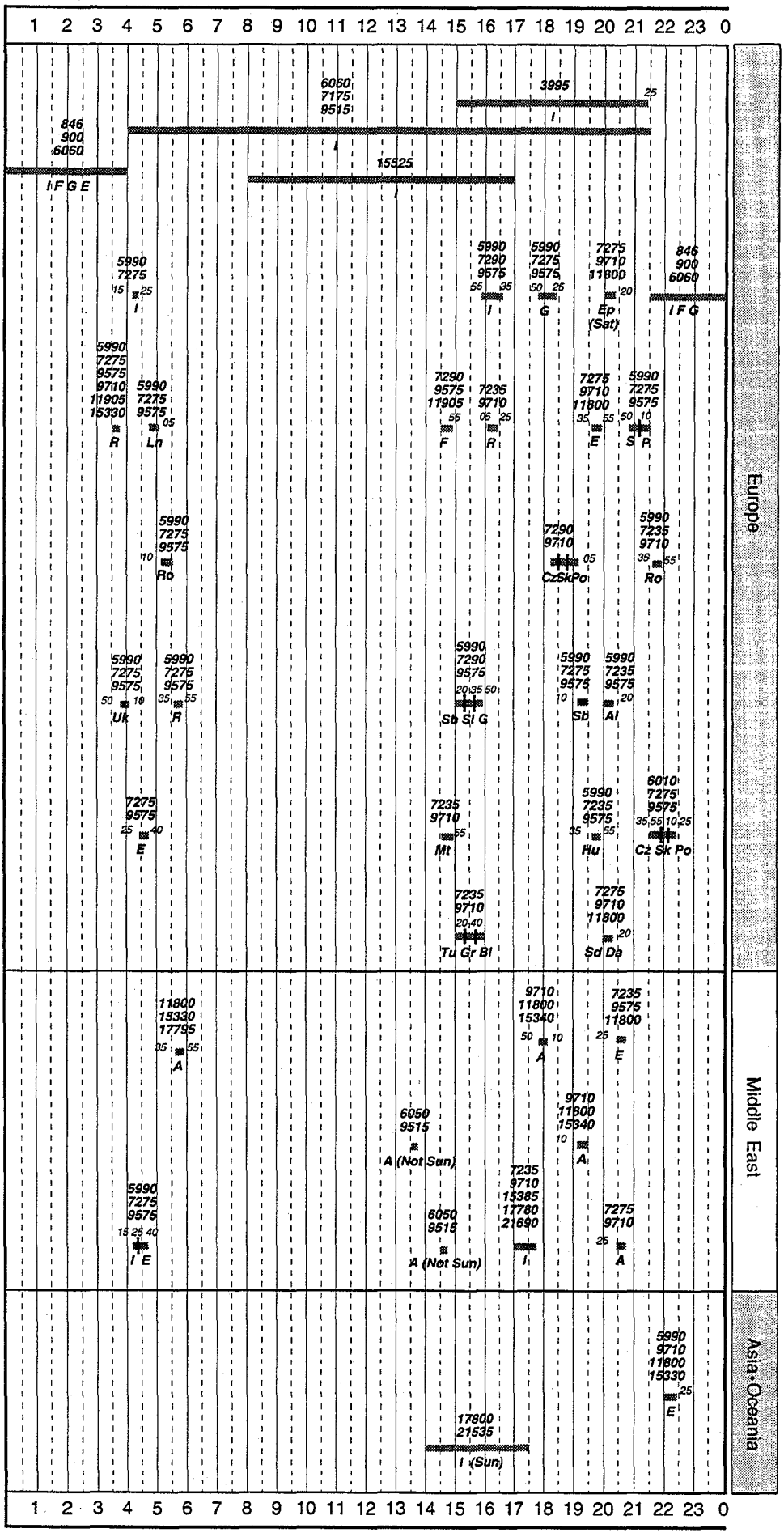


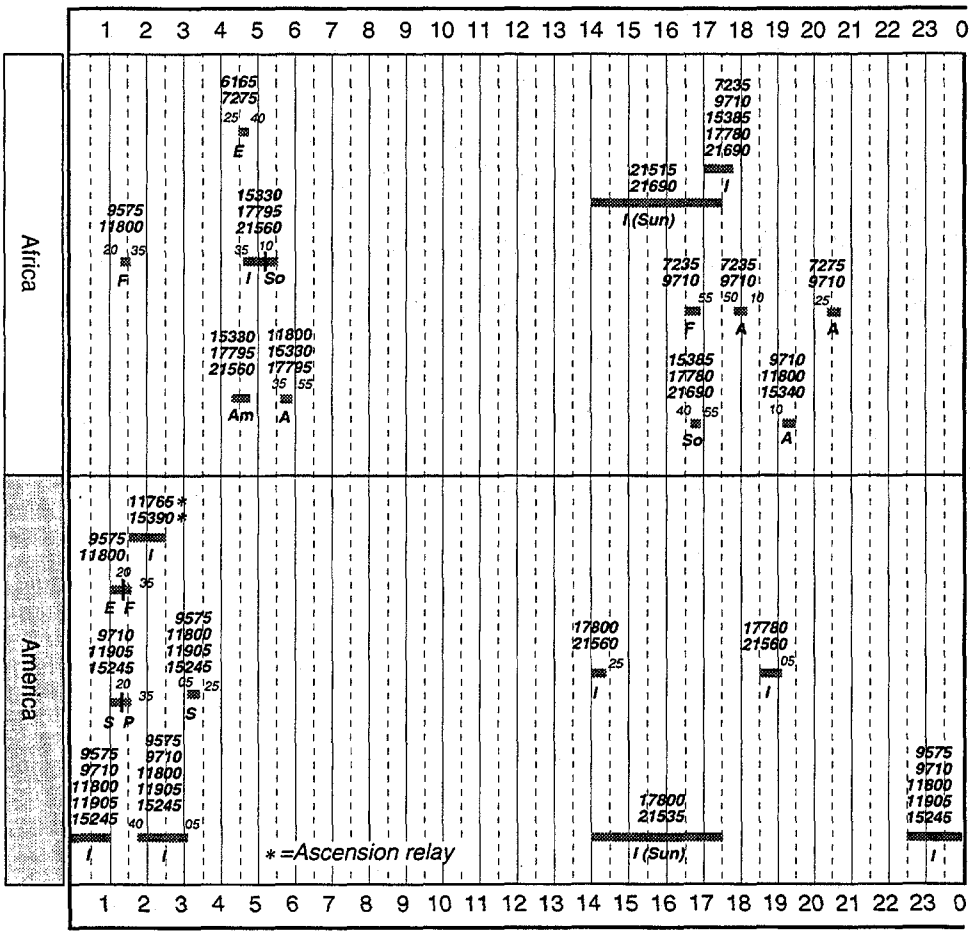
ITALY

● Italian Radio (RAI)

● *"This is the Italian Radio and Television Service, Broadcasting from Rome"*

UTC(GMT)

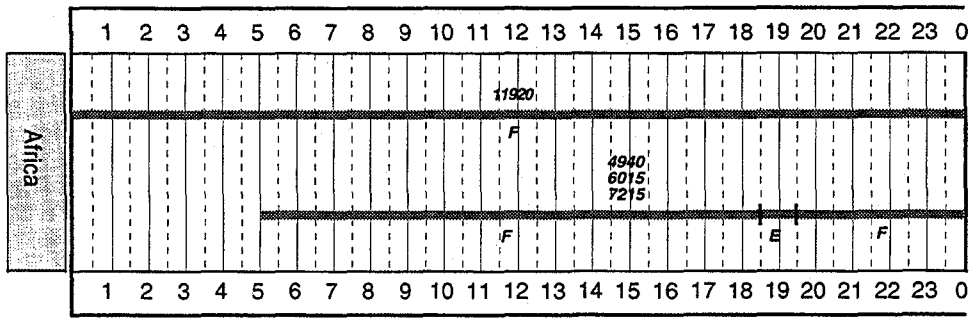




IVORY COAST

- Radiodiffusion Television Ivoirienne
- *"Ici Abidjan, Radiodiffusion Television Ivoirienne"*

UTC(GMT)

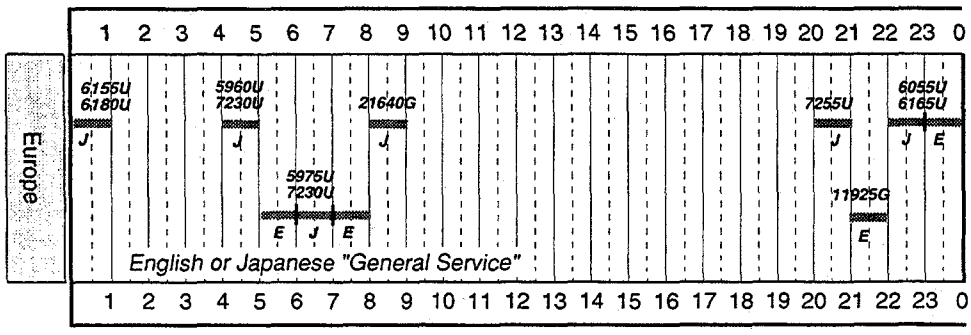


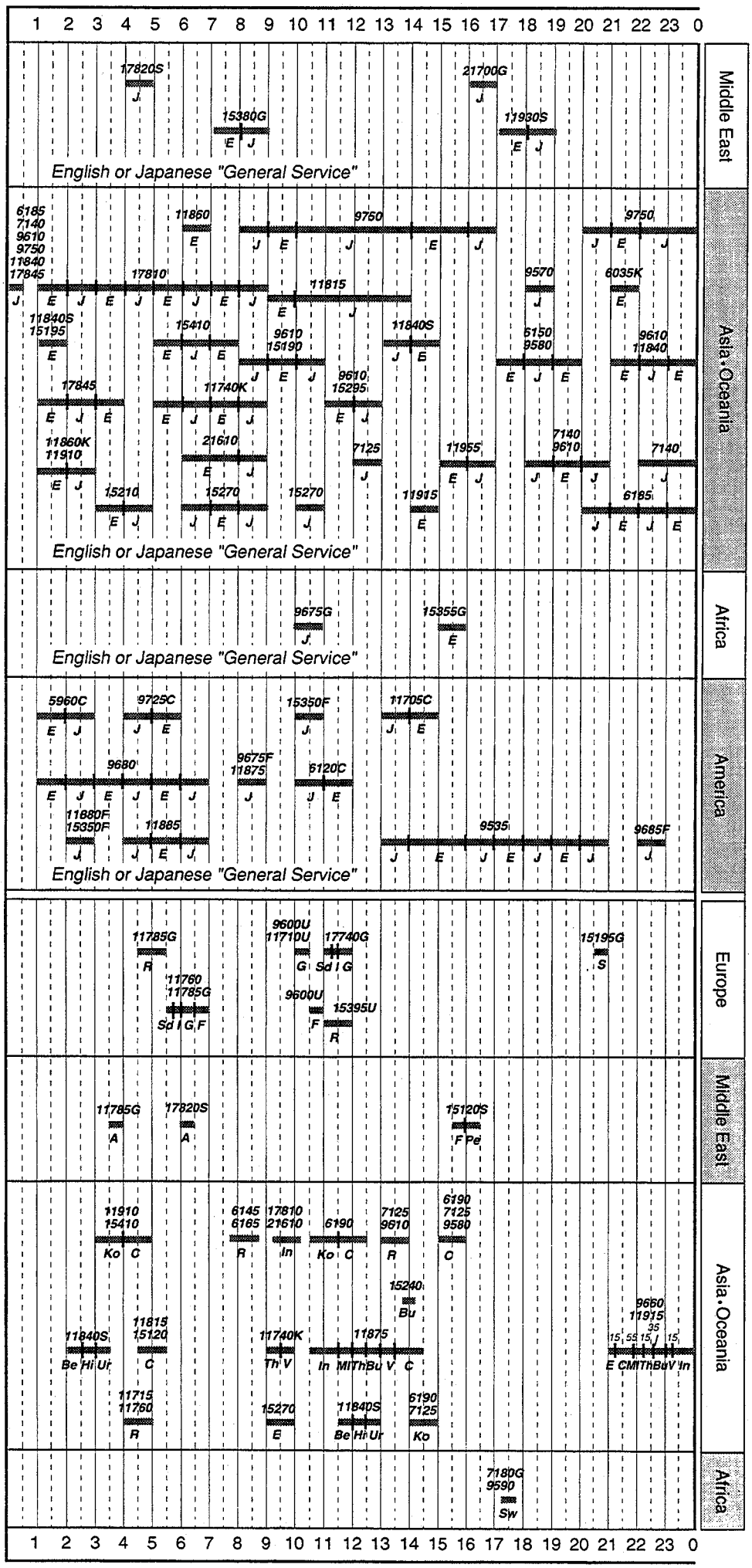
JAPAN

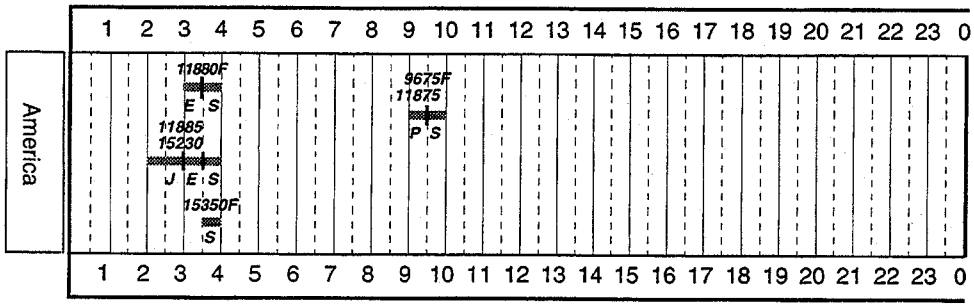
- Radio Japan
- *"This is Radio Japan, the Overseas Service of NHK in Tokyo"*

Relay Stations: C=Canada / F=French Guiana / G=Gabon /
S=Sri Lanka / U=United Kingdom / K=Singapore

UTC(GMT)

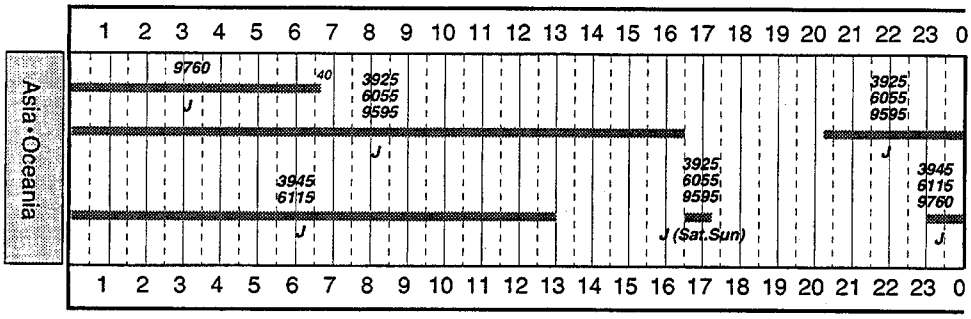



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
Middle East
17820S J
21700G J
15380G E J
11930S E J
English or Japanese "General Service"
Asia・Oceania
6185 7140 9610 9750 11840 17845 J
11860 E
9750 J E J E J
17810 J E J E J E J E J
11815 E J
9570 J
6035K E
11840S 15195 E
15410 E J E
9610 15190 J E J
11840S J E
6150 9580 E J E
9610 11840 E J E
17845 E J E
11740K E J E J
9610 15295 E J
11860K 11910 E J
21610 E J
7125 J
11955 E J
7140 9610 J E J
7140 J
15210 E J
15270 J E J
15270 J
11915 E
6185 J E J E
English or Japanese "General Service"
Africa
9675G J
15355G E
English or Japanese "General Service"
America
5960C E J
9725C J E
15350F J
11705C J E
9680 E J E J E J
9675F 11875 J
6120C J E
11880F 15350F J
11885 J E J
9535 J E J E J E J
9685F J
English or Japanese "General Service"
Europe
11785G R
9600U 11710U G
17740G Sd I G
11760 11785G Sd I G F
9600U F
15395U R
15195G S
Middle East
11785G A
17820S A
15120S F Pe
Asia・Oceania
11910 15410 Ko C
6145 6165 R
17810 21610 In
6190 Ko C
7125 9610 R
6190 7125 9580 C
15240 Bu
11840S Be Hi Ur
11815 15120 C
11740K Th V
11875 In MI Th Bu V C
9660 11915 35 15 55 15 15 E CM Th Bu V In
11715 11760 R
15270 E
11840S Be Hi Ur
6190 7125 Ko
Africa
7180G 9590 Sw
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0



●Nihon Short Wave Broadcasting Company Limited (NSB) Radio Tanpa
●*"Kochirawa Radio Tanpa desu"*

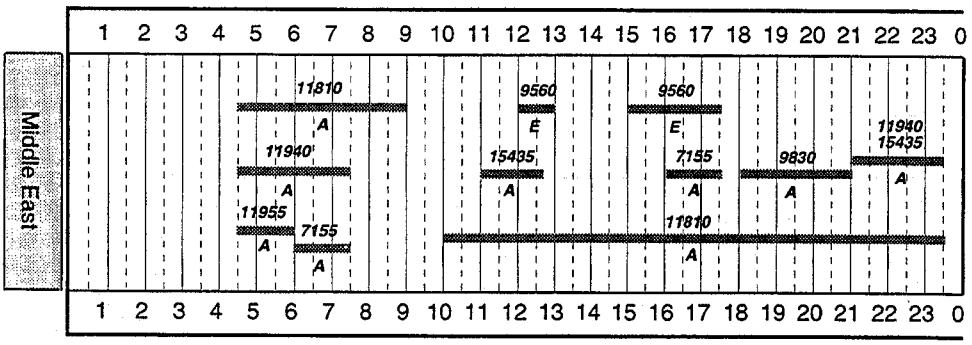
UTC(GMT)



JORDAN

●Radio Jordan
●*"This is Radio Jordan, Broadcasting from Amman"*

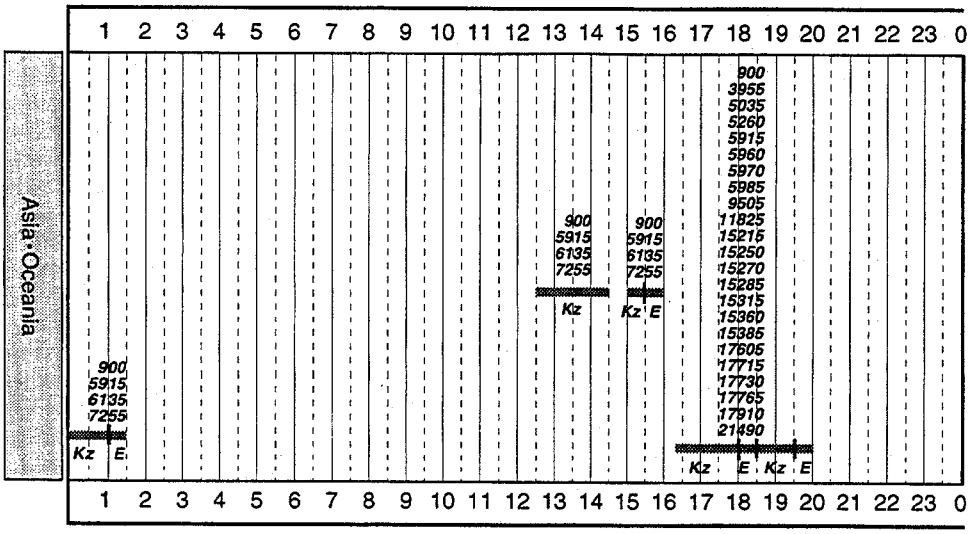
UTC(GMT)



KAZAKHSTAN

●Radio Alma Ata
●*"Almatydan Söylep turmiz"*

UTC(GMT)

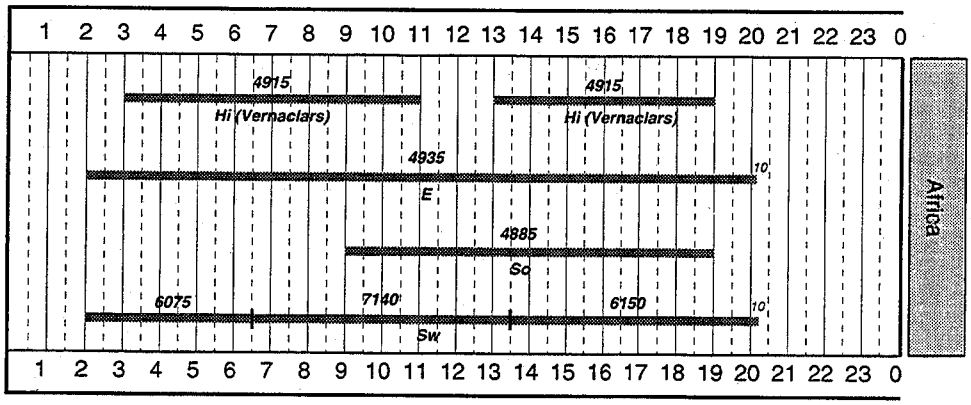


KENYA

●Voice of Kenya

●*"This is the Voice of Kenya" " Hiini Sauti Ya Kenya"*

UTC(GMT)

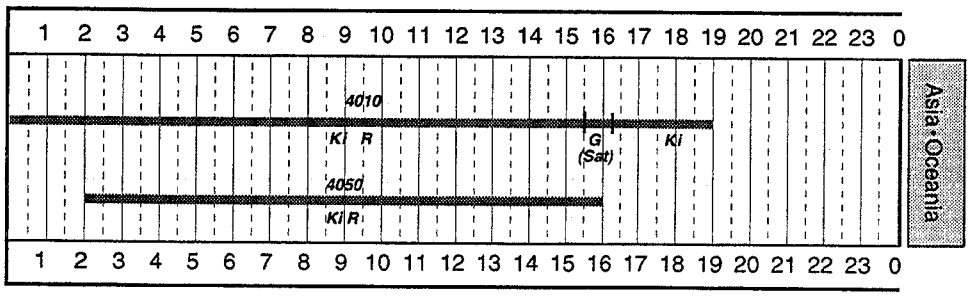


KIRGHIZIA

●Kirgyz Radio

●*"Govarit Bishkek"*

UTC(GMT)

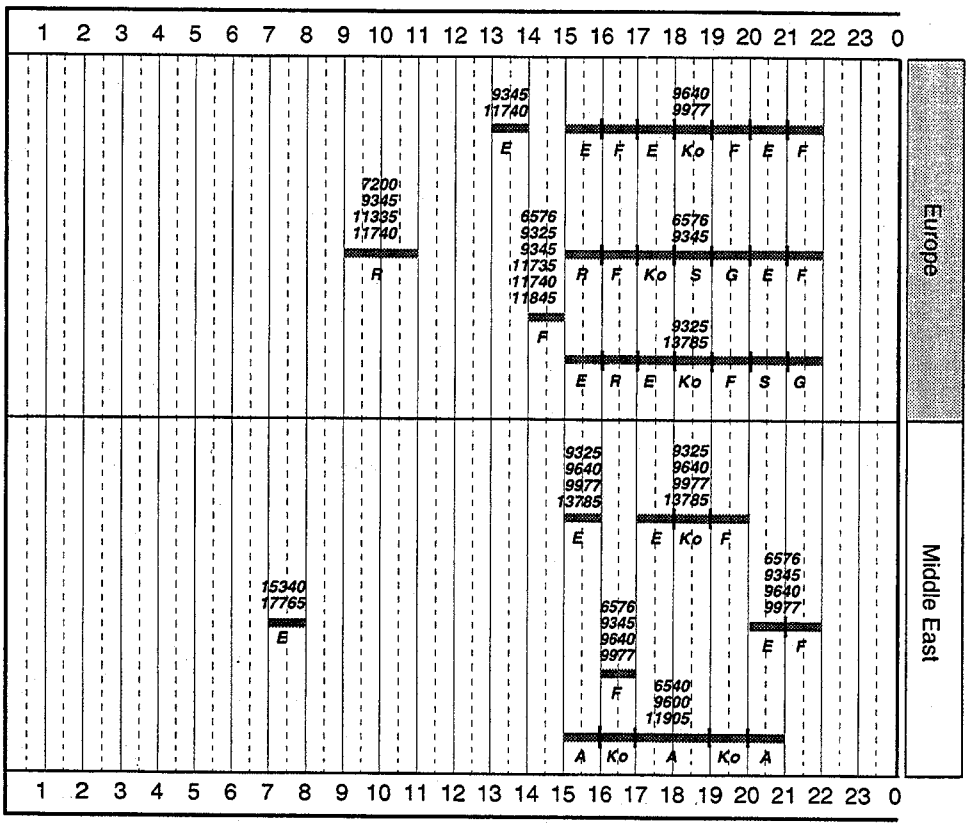


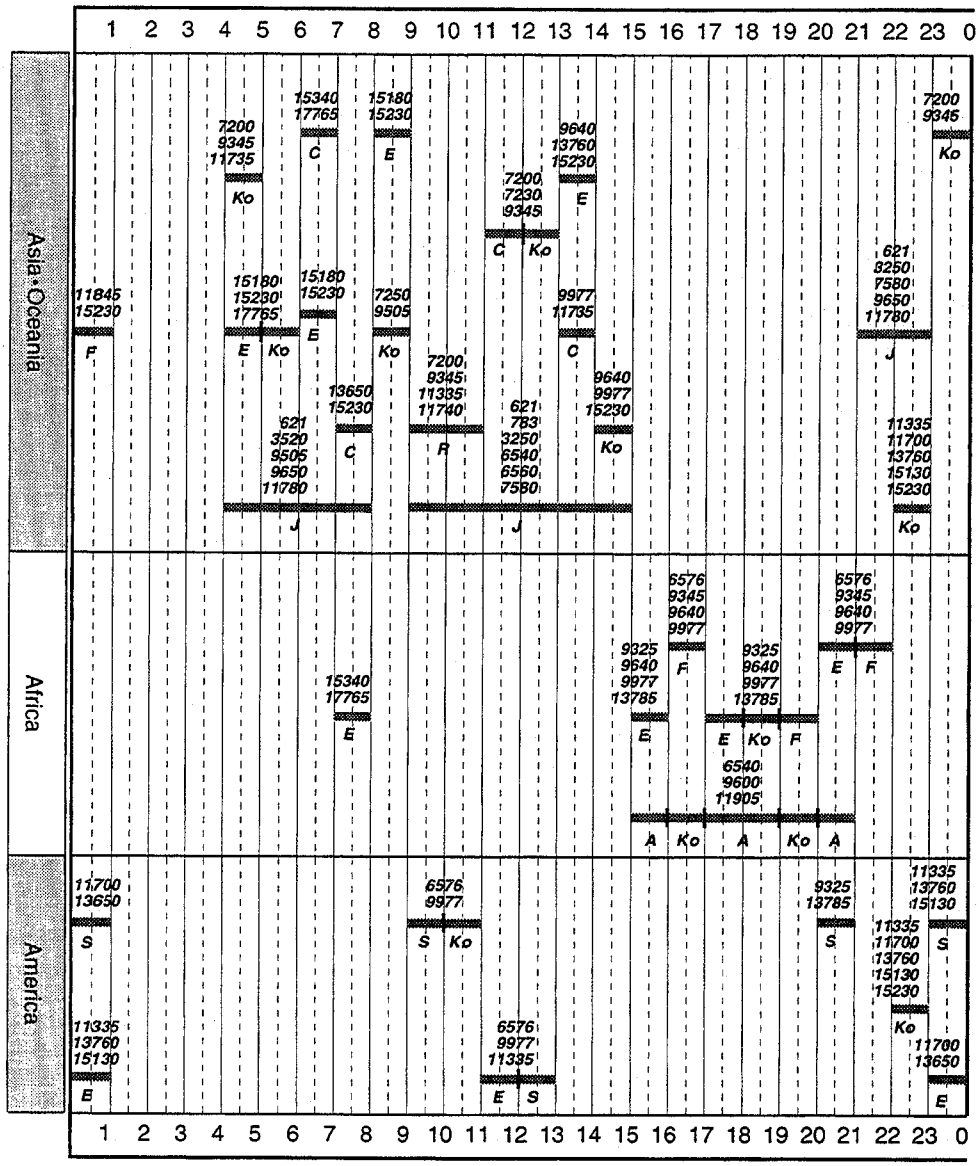
KOREAN PEOPLE'S DEMOCRATIC REPUBLIC

●Radio Pyongyang

●*"This is Radio Pyongyang"*

UTC(GMT)



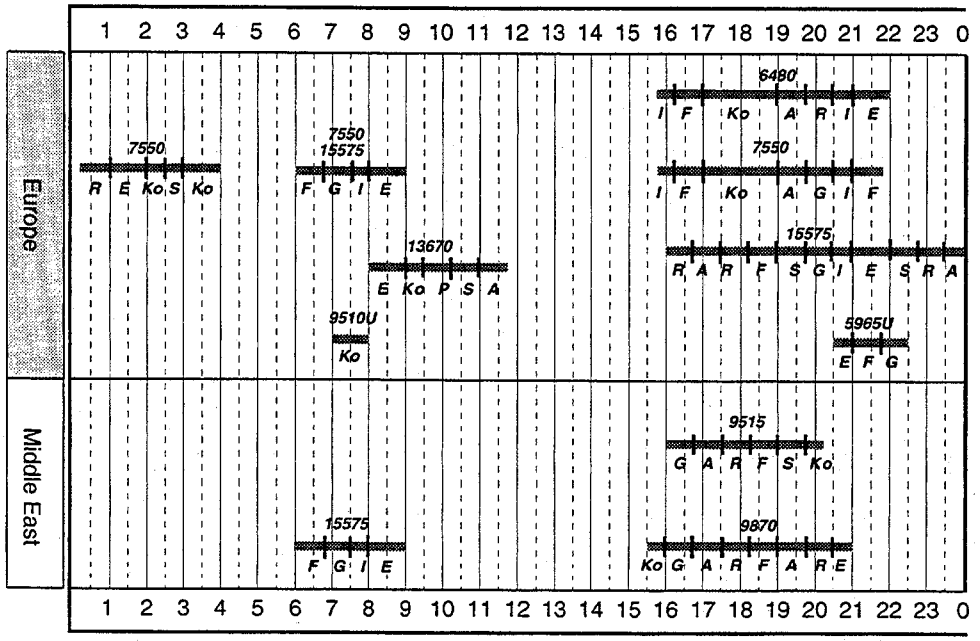


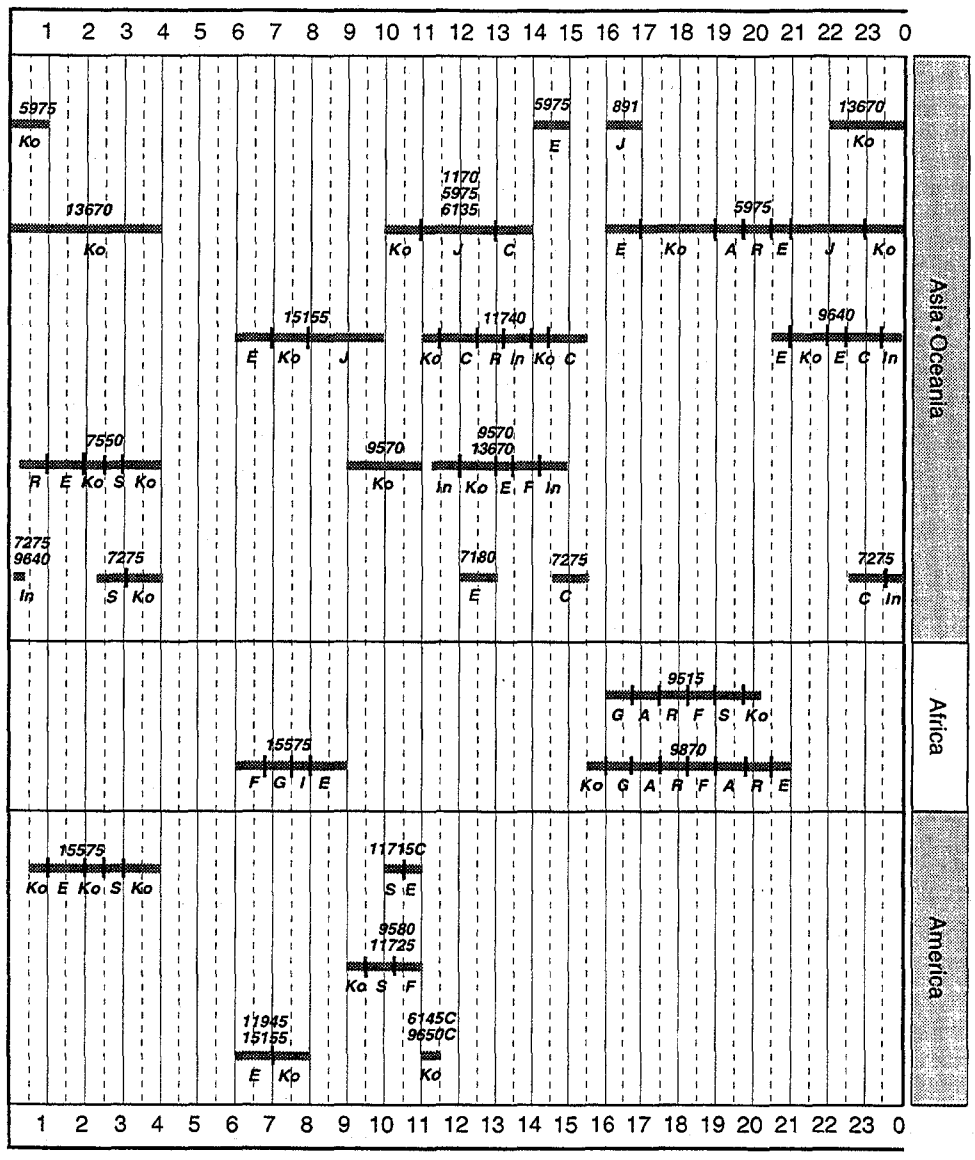
KOREAN REPUBLIC

- Radio Korea
- *"This is Radio Korea"*

Relay Stations: C=Canada / U=United Kingdom

UTC(GMT)

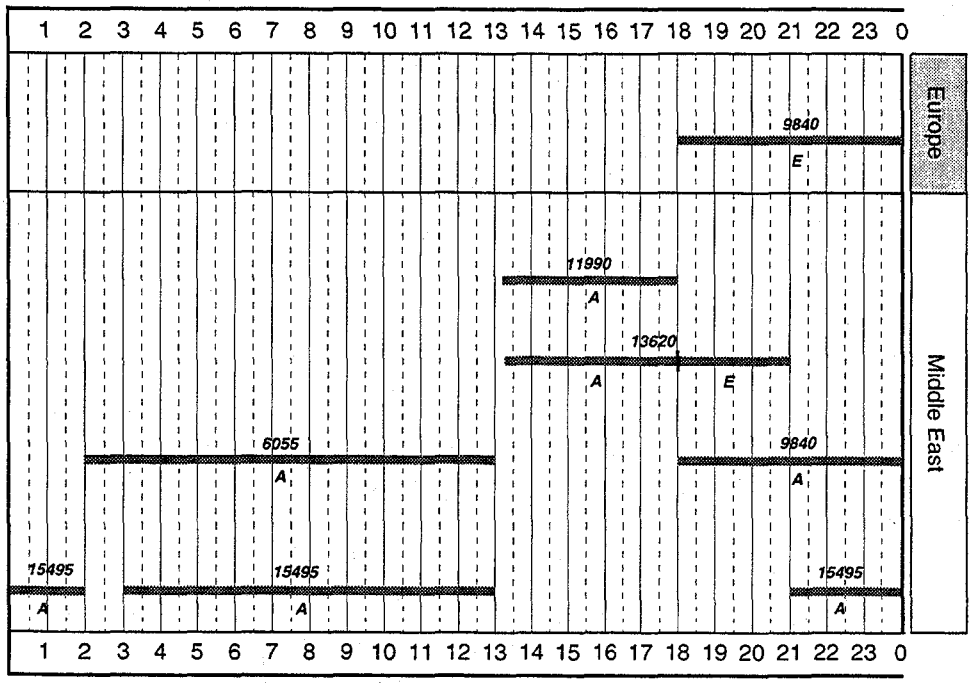




KUWAIT

- Radio Kuwait
- *"Huma al Kuwait" "This is Radio Kuwait"*

UTC(GMT)

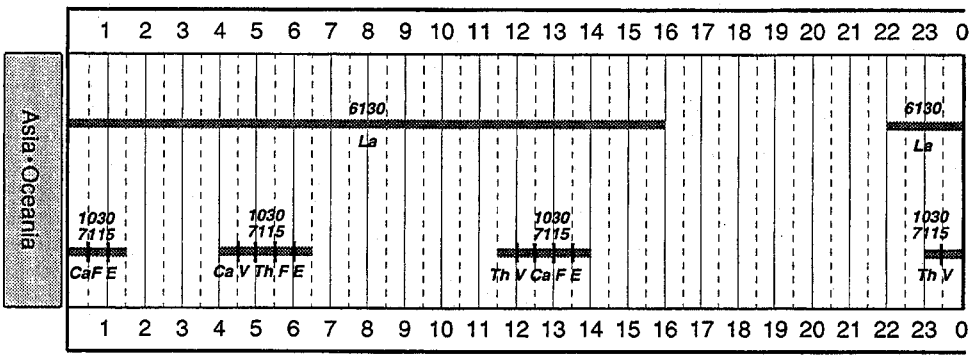


LAOS

●National Radio of Laos

●*"This is the National Radio, broadcasting from Vientiane"*

UTC(GMT)

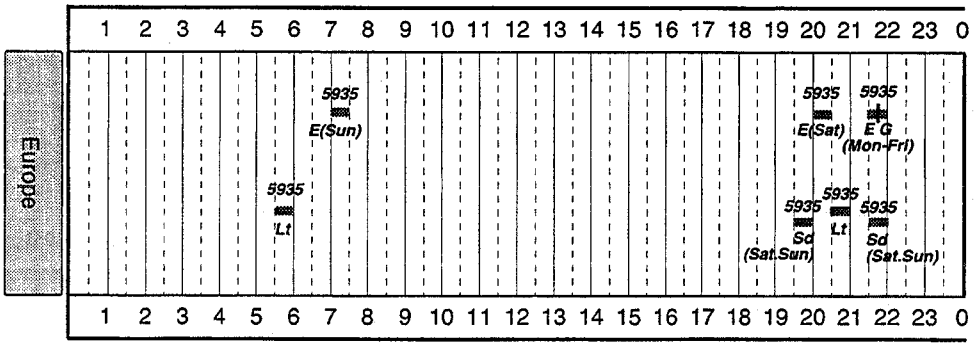


LATVIA

●Radio Latvia International

●*"This is Radio Latvia International"*

UTC(GMT)



LEBANON

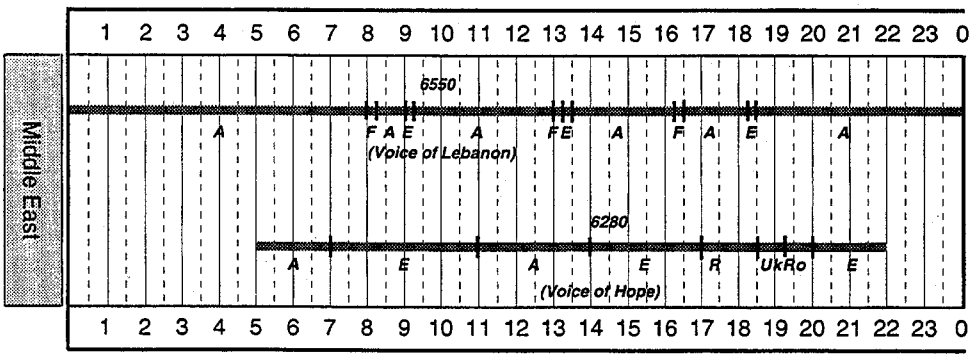
●Voice of Lebanon

●*"This is the Voice of Lebanon"*

●Voice of Hope

●*"This is the King of Hope"*

UTC(GMT)

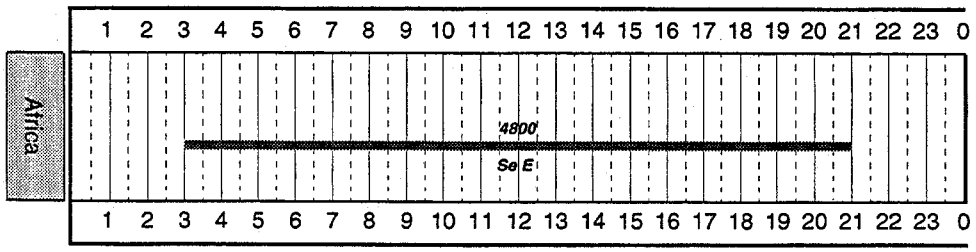


LESOTHO

●Radio Lesotho

●*"This is Radio Lesotho"*

UTC(GMT)

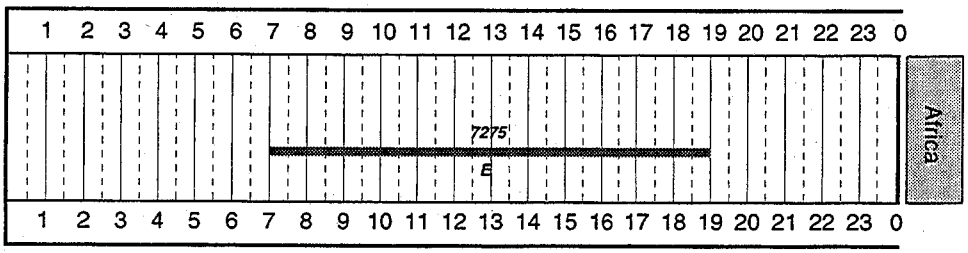


LIBERIA

●ELBC

●*"This is Radio ELBC"*

UTC(GMT)



LIBYA

●Libyan Jamahiriyah Broadcasting

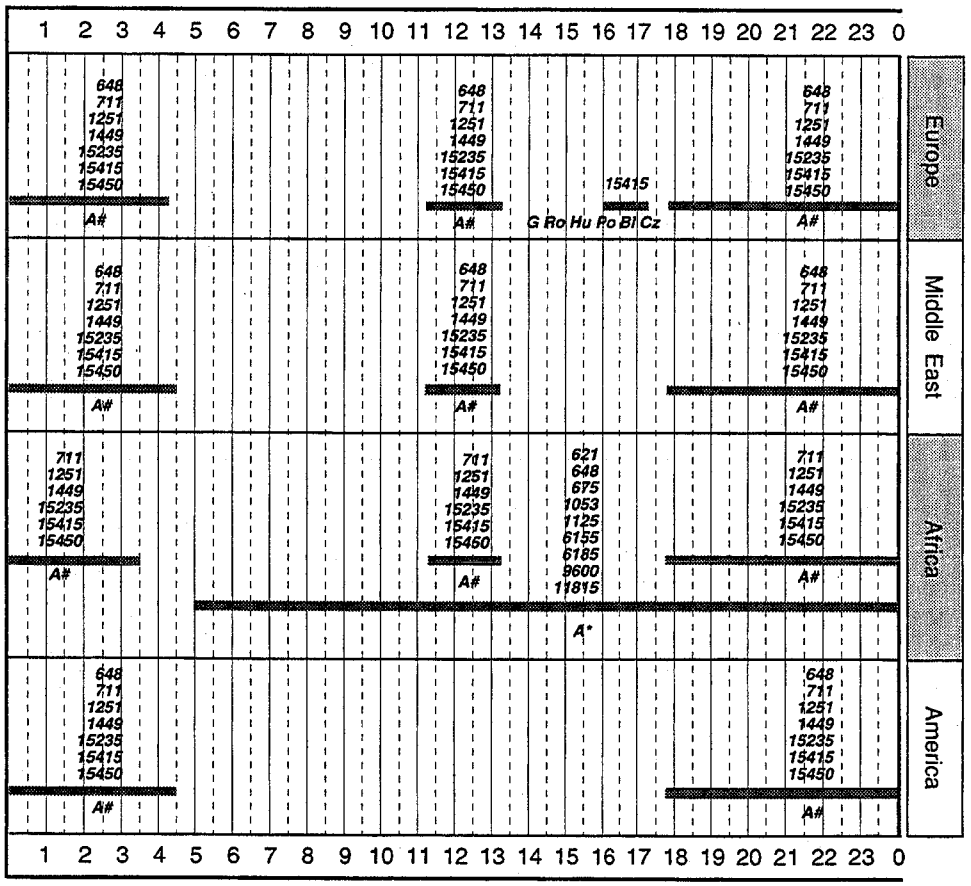
●*"Ithaa Elthawrah Elshaabia men El Jamahiriyah El Arabiyah Al Libiyah"*

* Domestic Service

\# Voice of the Great Homeland

"Summer Time" seasons are one hour earlier.

UTC(GMT)

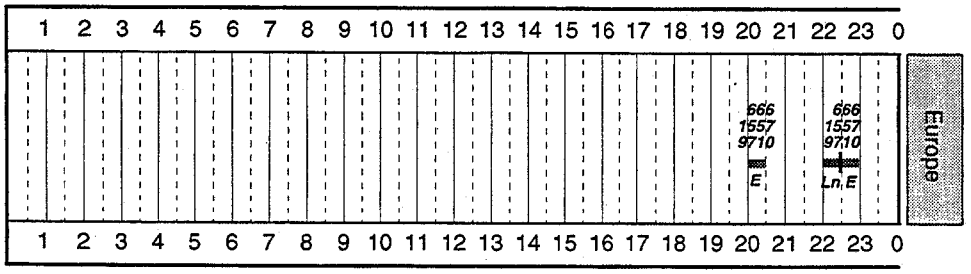


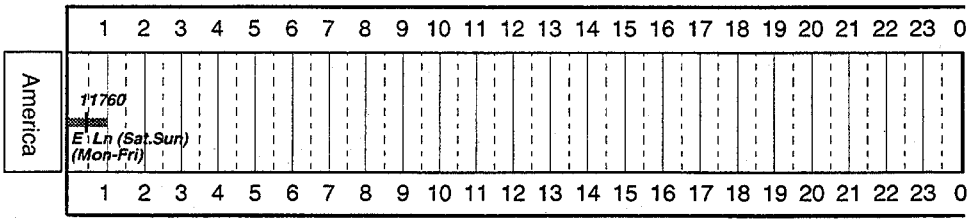
LITHUANIA

●Radio Vilnius

●*"This is Radio Vilnius"*

UTC(GMT)

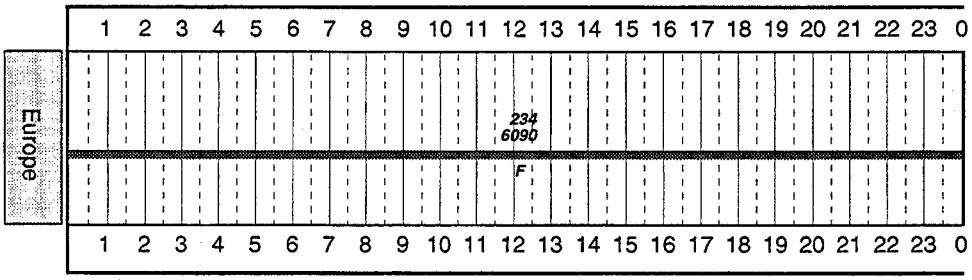




LUXEMBOURG

●Radio Luxembourg
●*"Ici Radio Luxembourg"*

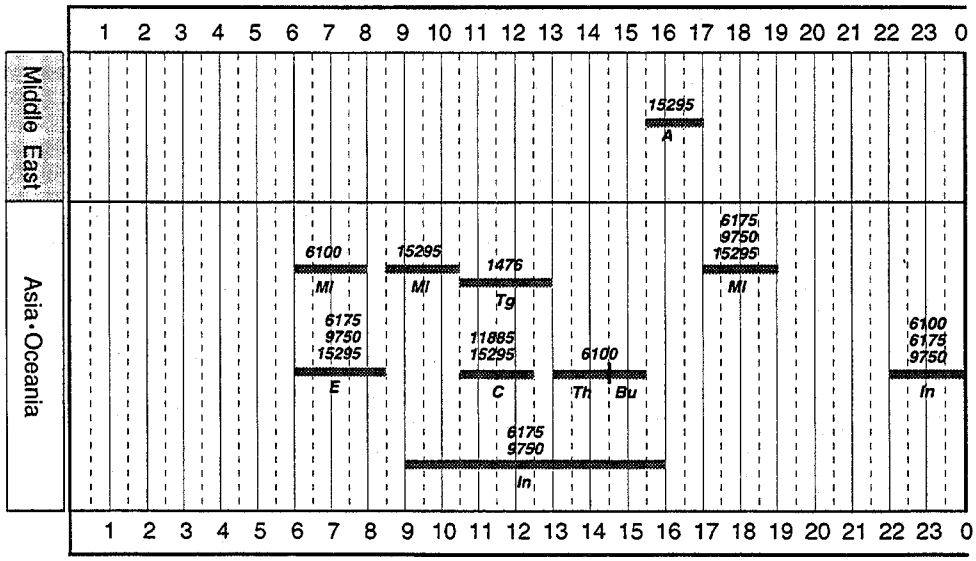
UTC(GMT)



MALAYSIA

●Voice of Malaysia
●*"This is the Voice of Malaysia" "Ini-lah Suara Malaysia"*

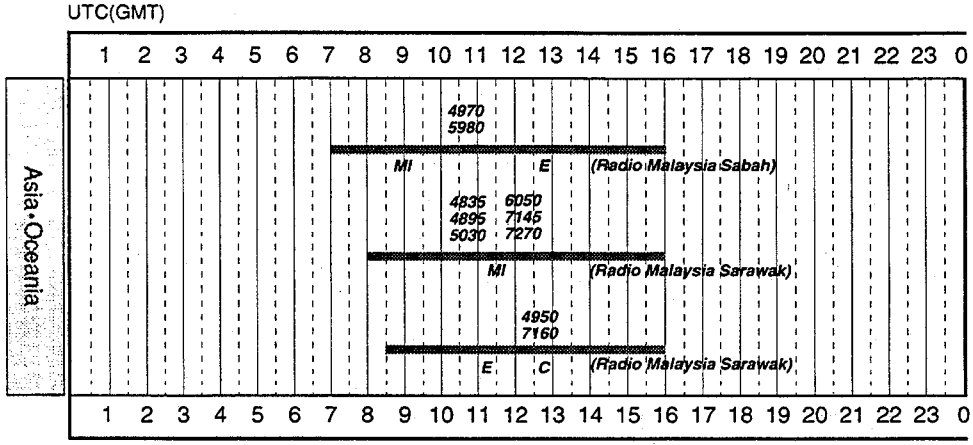
UTC(GMT)



●Radio Malaysia Sabah
●*"Ini-lah Radio Malaysia Kota Kinabalu"*

●Radio Malaysia Sarawak
●*"Ini-lah Radio Malaysia Sarawak"*

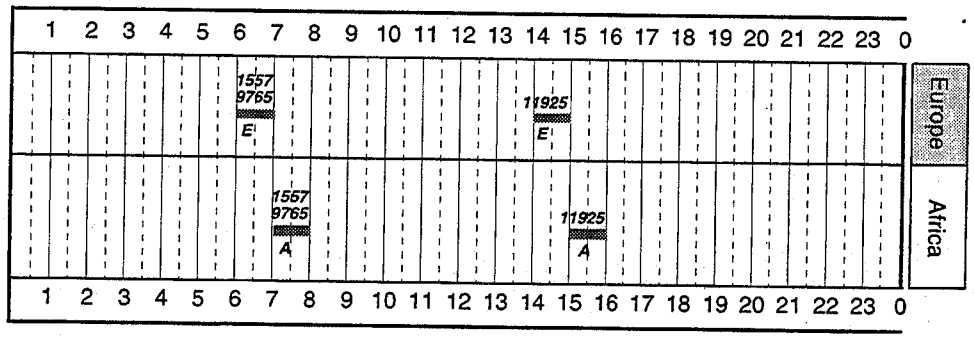
UTC(GMT)



MALTA

●Voice of the Mediterranean
●*"This is the Voice of Mediterranean"*

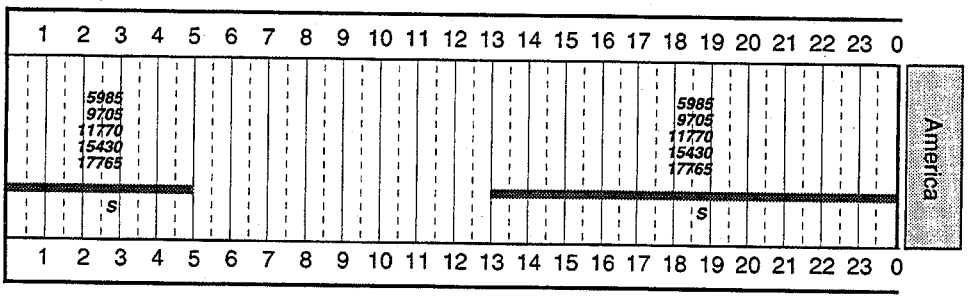
UTC(GMT)



MEXICO

●Radio Mexico International (RMI)
●*"XERMX, Radio Mexico International"*

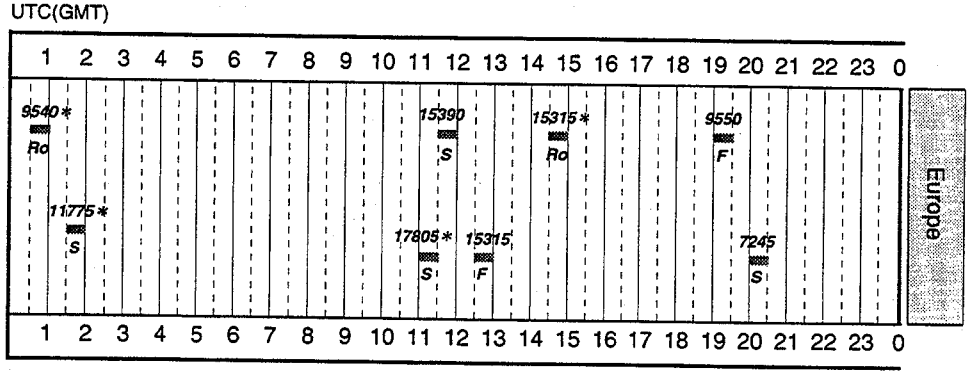
UTC(GMT)



MOLDOVA

●Radio Moldova International
●*"Aichi Chisinau"*
＊marks: to Americas

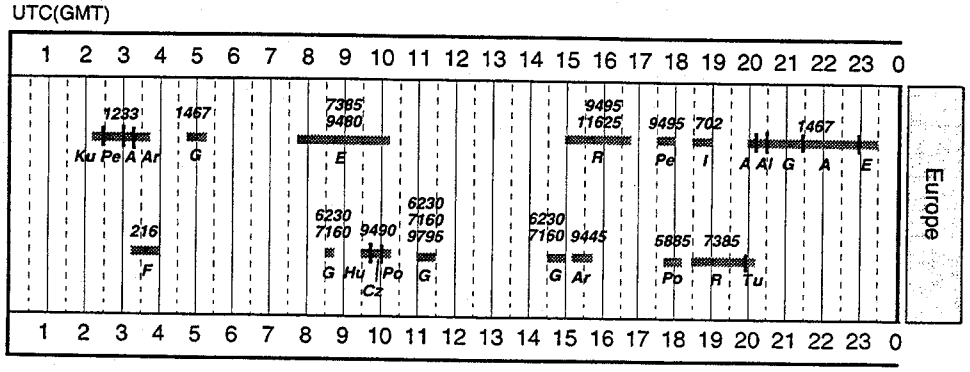
UTC(GMT)



MONACO

●Trans World Radio (TWR)
●*"This is Monte Carlo, Trans World Radio"*

UTC(GMT)

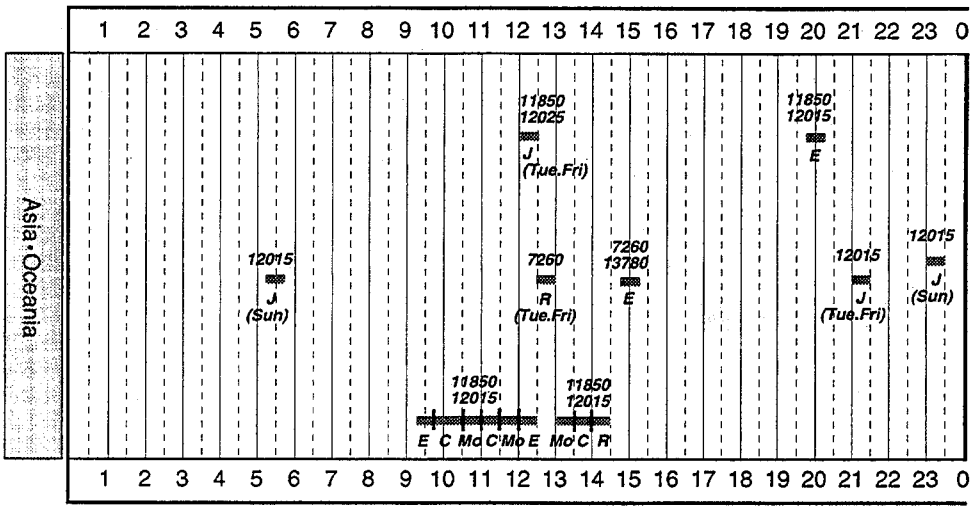


MONGOLIA

●Radio Ulaanbaatar (RUB)

●*"This is Radio Ulaanbaatar"*

UTC(GMT)

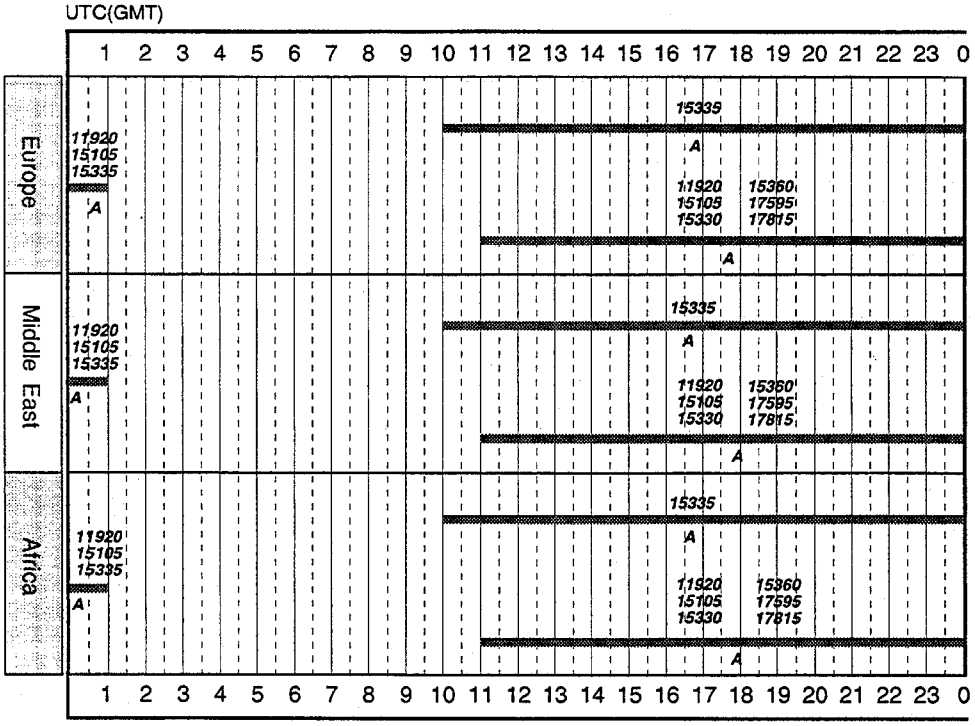


MOROCCO

●Radiodiffusion Television Marocaine

●*"This is the Moroccan Broadcasting and Television System, Rabat"*

UTC(GMT)

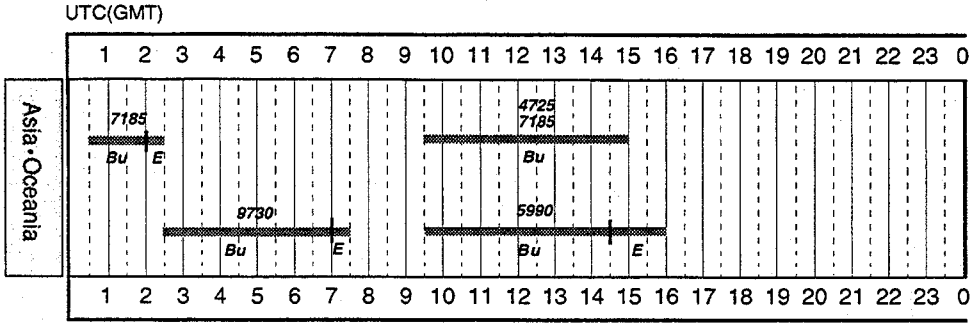


MYANMAR

●Radio Myanmar

●*"This is Radio Myanmar"*

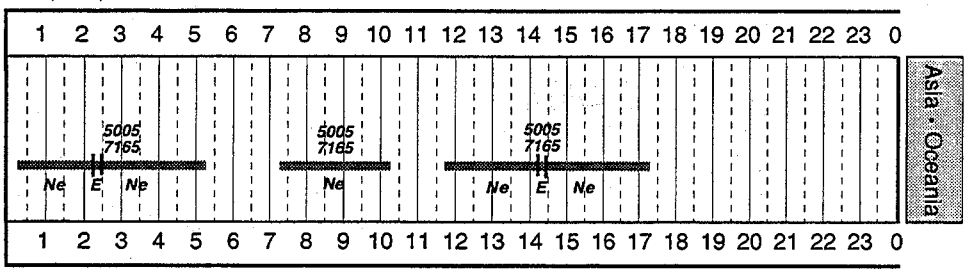
UTC(GMT)



NEPAL

●Radio Nepal
●*"This is Radio Nepal"*

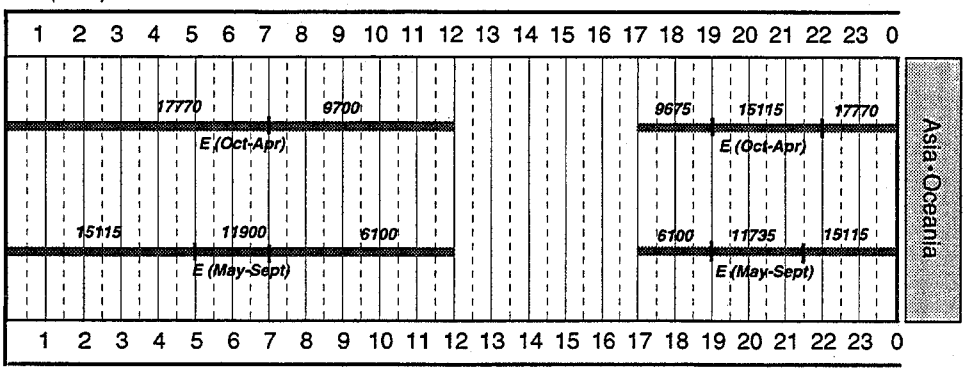
UTC(GMT)



NEW ZEALAND

●Radio New Zealand International
●*"This is Radio New Zealand International"*

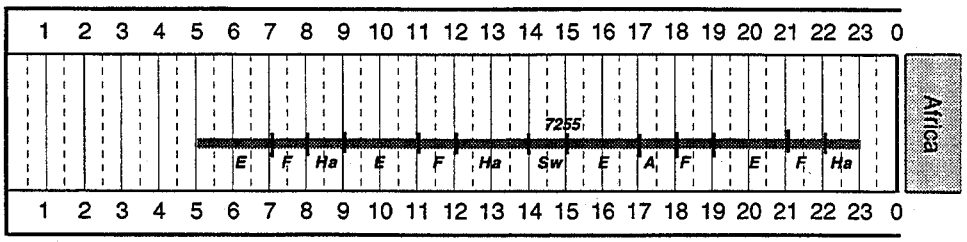
UTC(GMT)



NIGERIA

●Voice of Nigeria
●*"This is the Voice of Nigeria"*

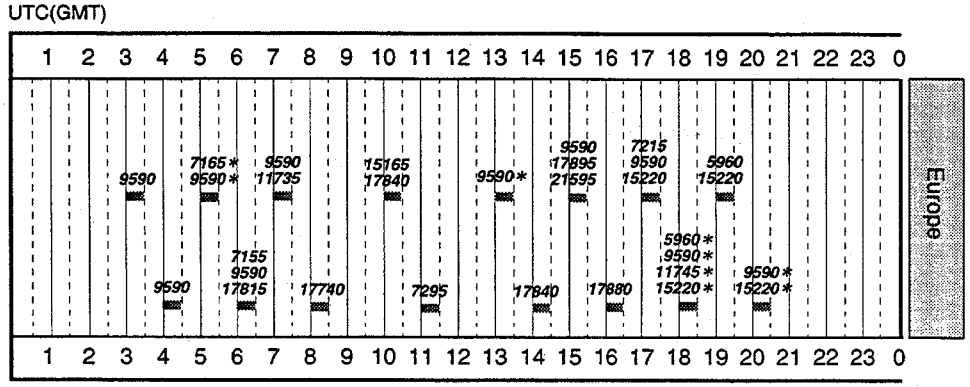
UTC(GMT)

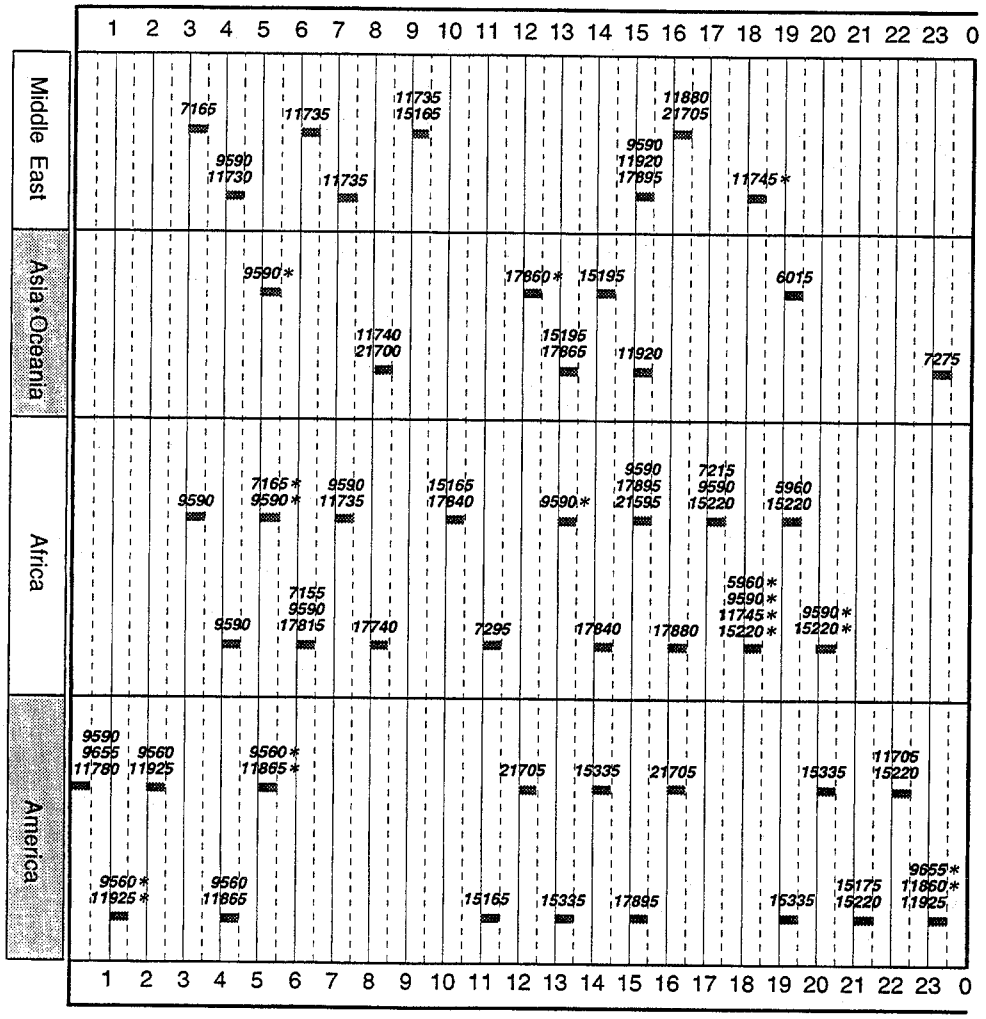


NORWAY

●Radio Norway International
●*"This is Radio Norway International"*
"Dette er Norsk Rikskringkasting"
＊marks:Between 05:00 on Sunday and 01:30 on Monday in English. Others in Norwaigian.

UTC(GMT)

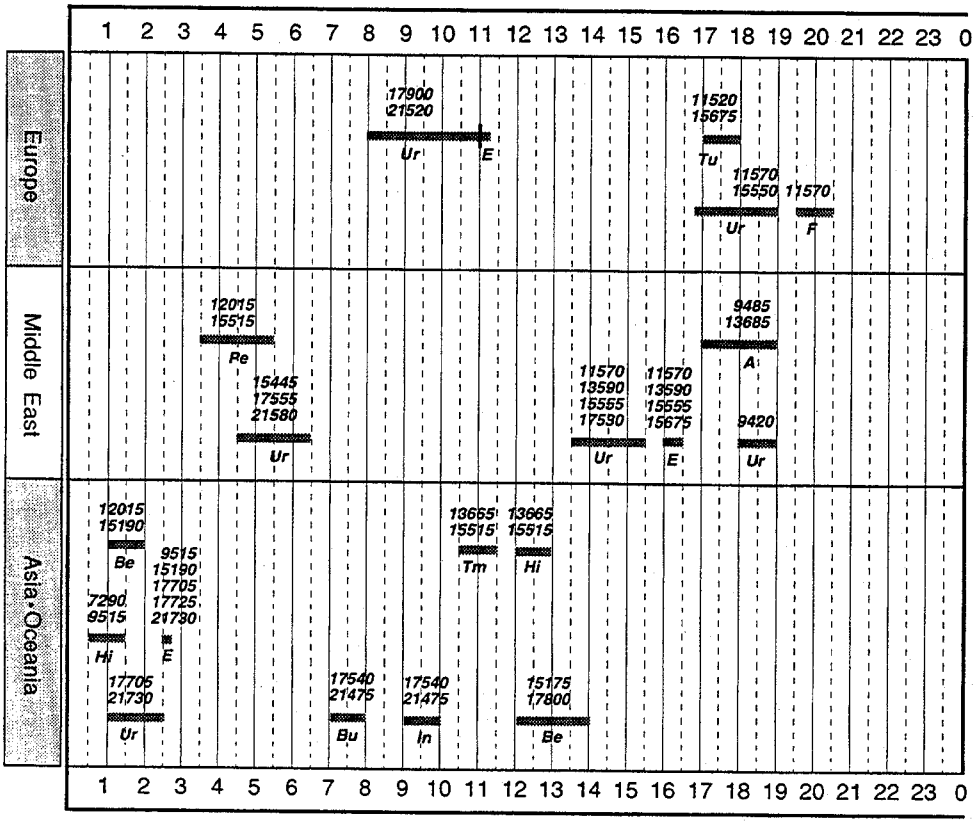


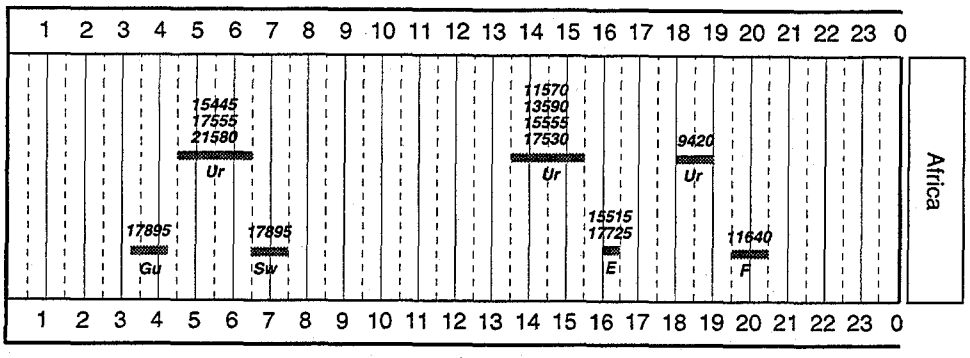


PAKISTAN

- Radio Pakistan
- *"This is Radio Pakistan"*

UTC(GMT)

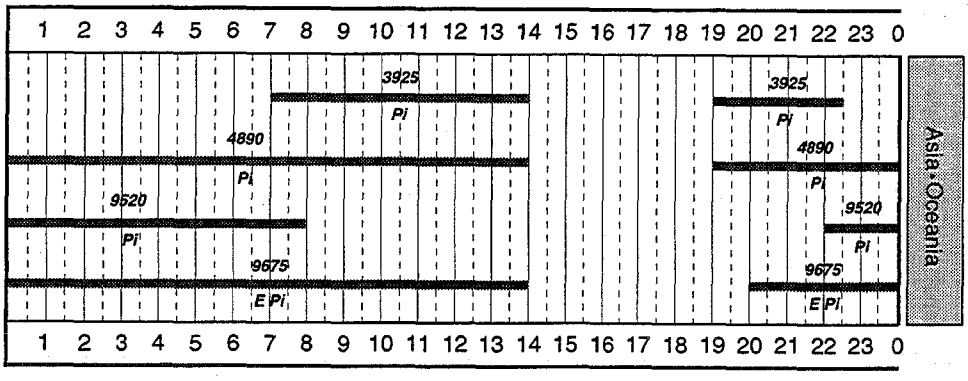




PAPUA NEWGUINEA

- National Broadcasting Commission (NBC)
- *"This is National Radio"*

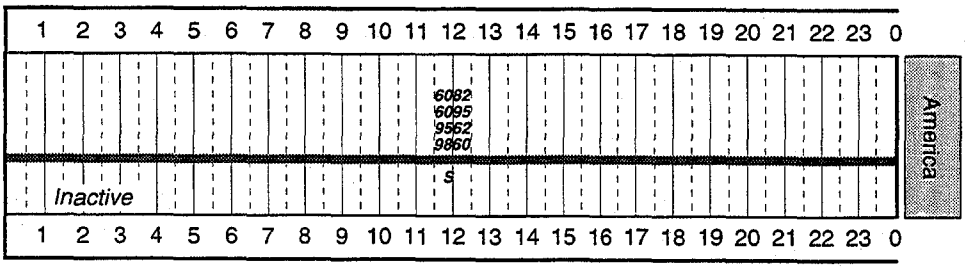
UTC(GMT)



PERU

- Radio Nacional
- *"Radio Nacional del Peru, la Primera emisora del pais"*

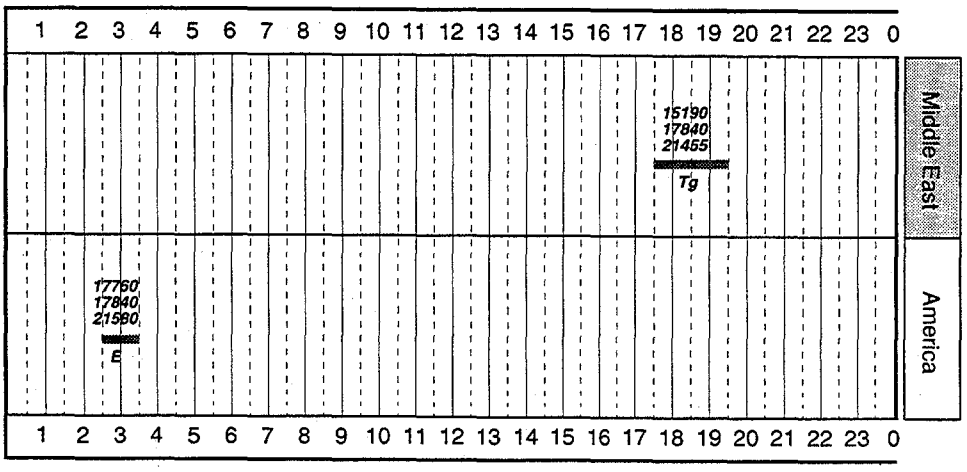
UTC(GMT)



PHILIPPINES

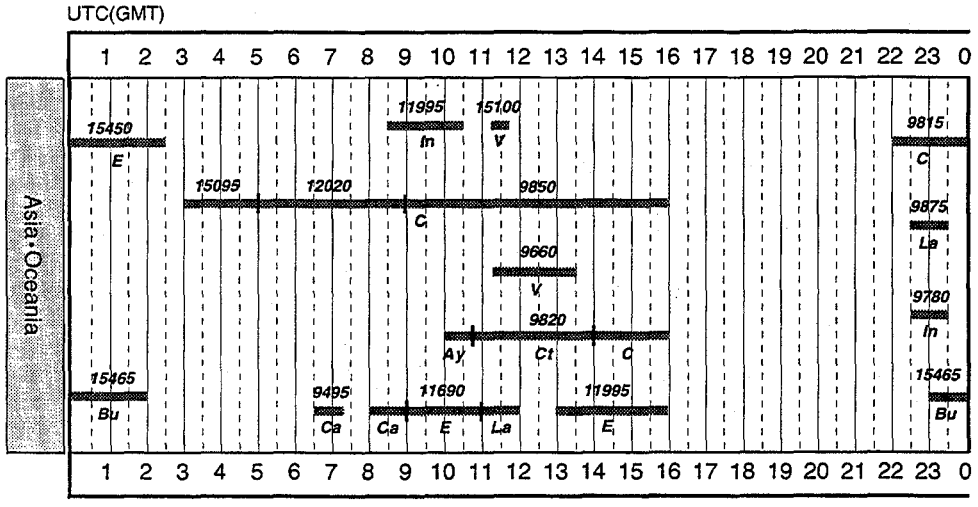
- Radyo Pilipinas
- *"This is Radyo Pilipinas"*

UTC(GMT)



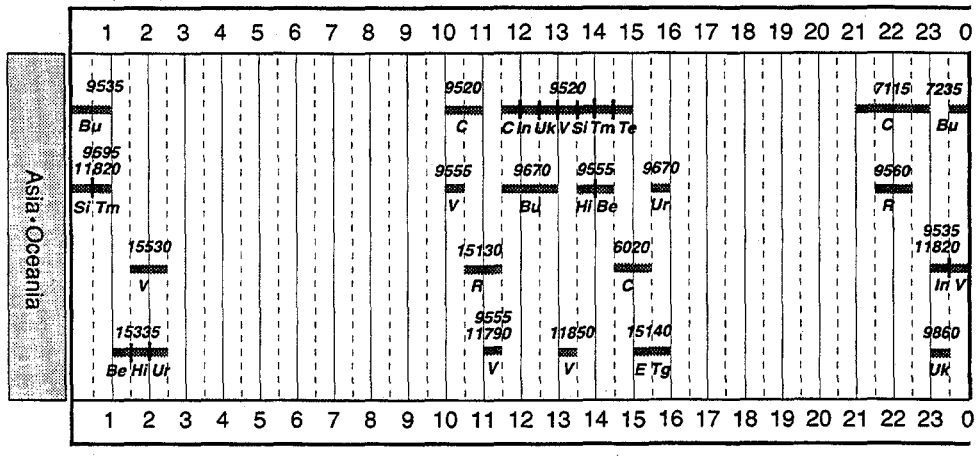
●Far East Broadcasting Company (FEBC)
●*"This is Manila calling, the English Service of the FEBC"*

UTC(GMT)



●Radio Veritas Asia
●*"This is Radio Veritas Asia"*

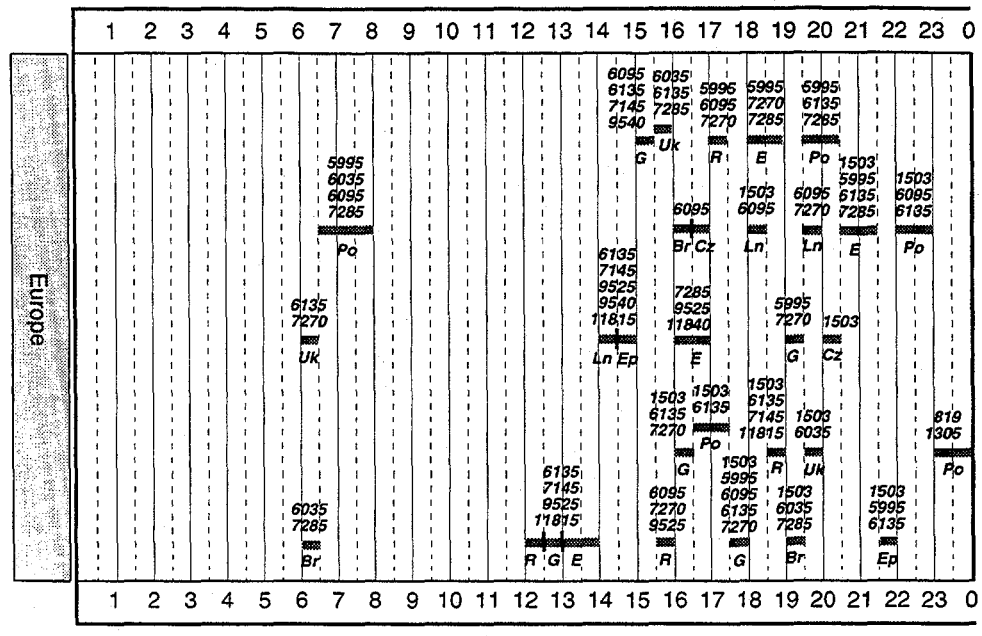
UTC(GMT)



POLAND

●Polskie Radio Warsaw
●*"This is the Polish Radio Warsaw"*
"Summer Time" seasons are one hour earlier.

UTC(GMT)

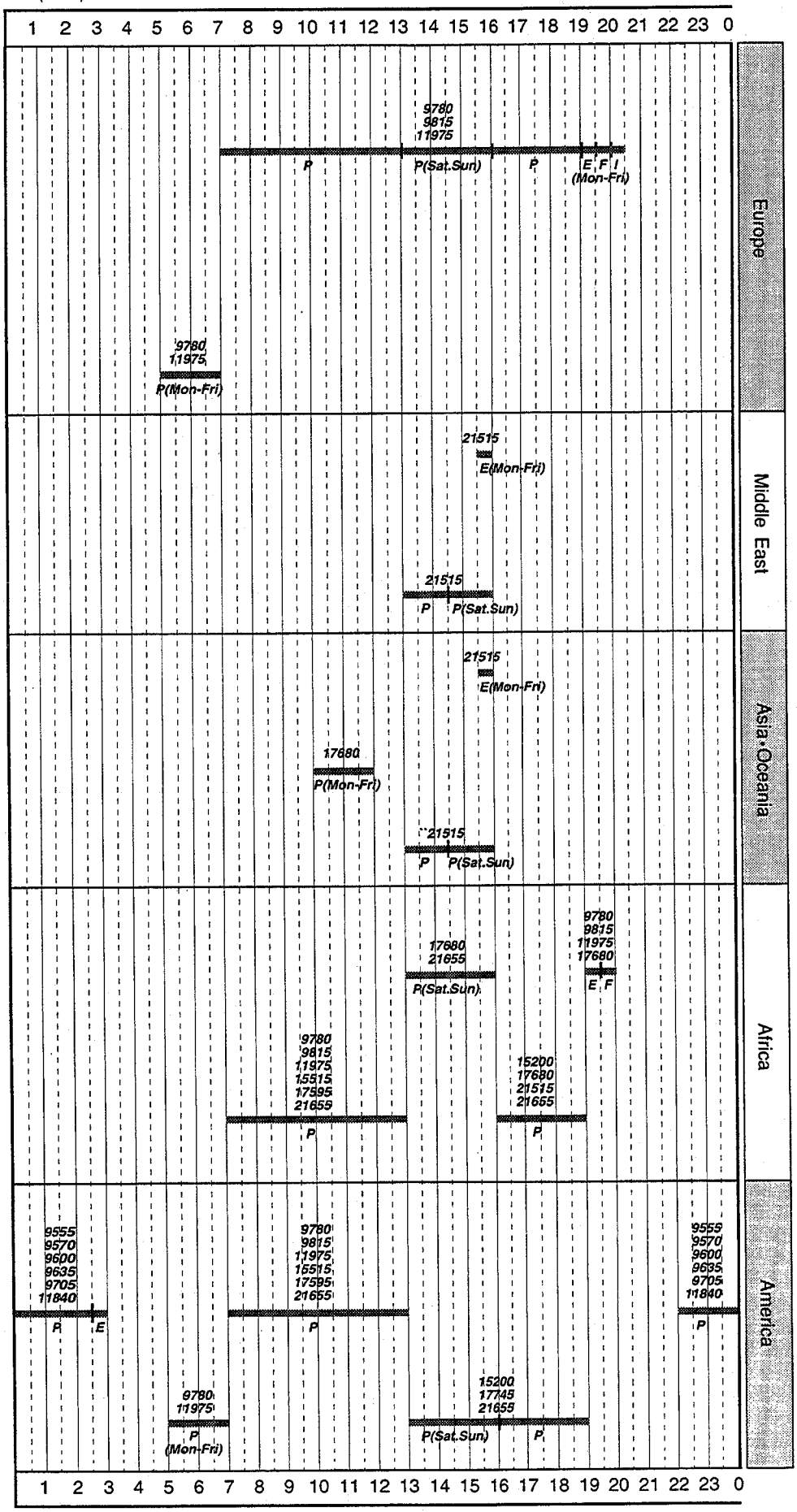


PORTUGAL

●Radio Portugal

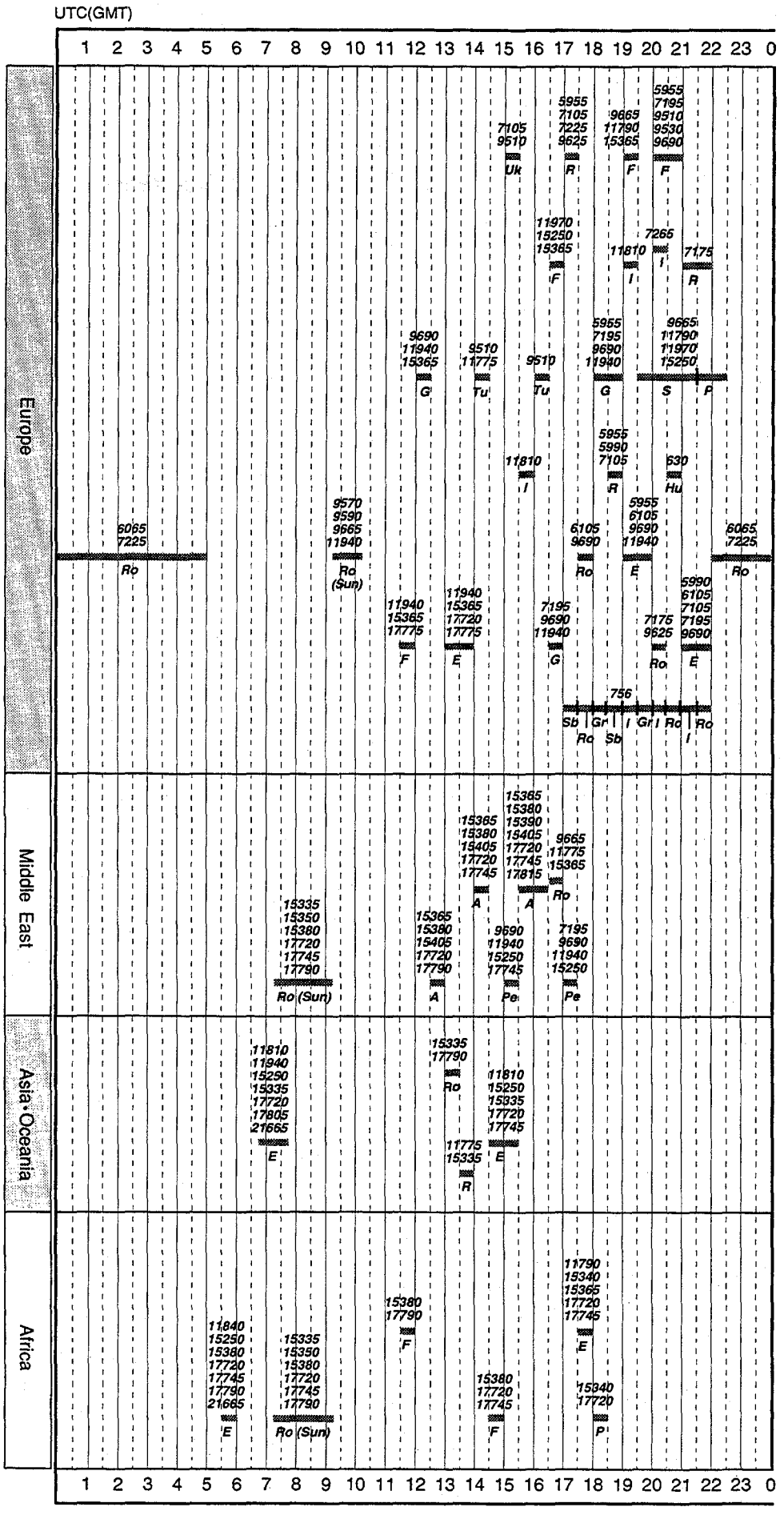
●*"This is Radio Portugal, Broadcasting from Lisbon"*
"Aqui Lisboa, Servico Ultramarino de Emissora Nacional"

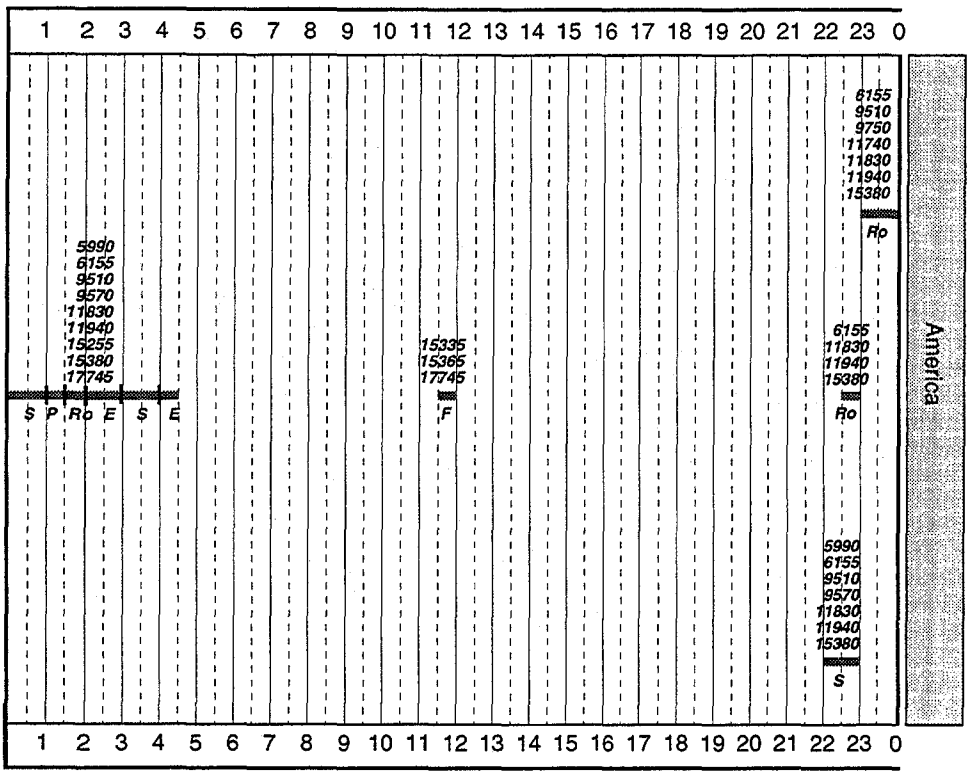
UTC(GMT)



ROMANIA

- Radio Romania International
- *"This is Bucharest calling"*
  "You are tuned to Radio Romania International"

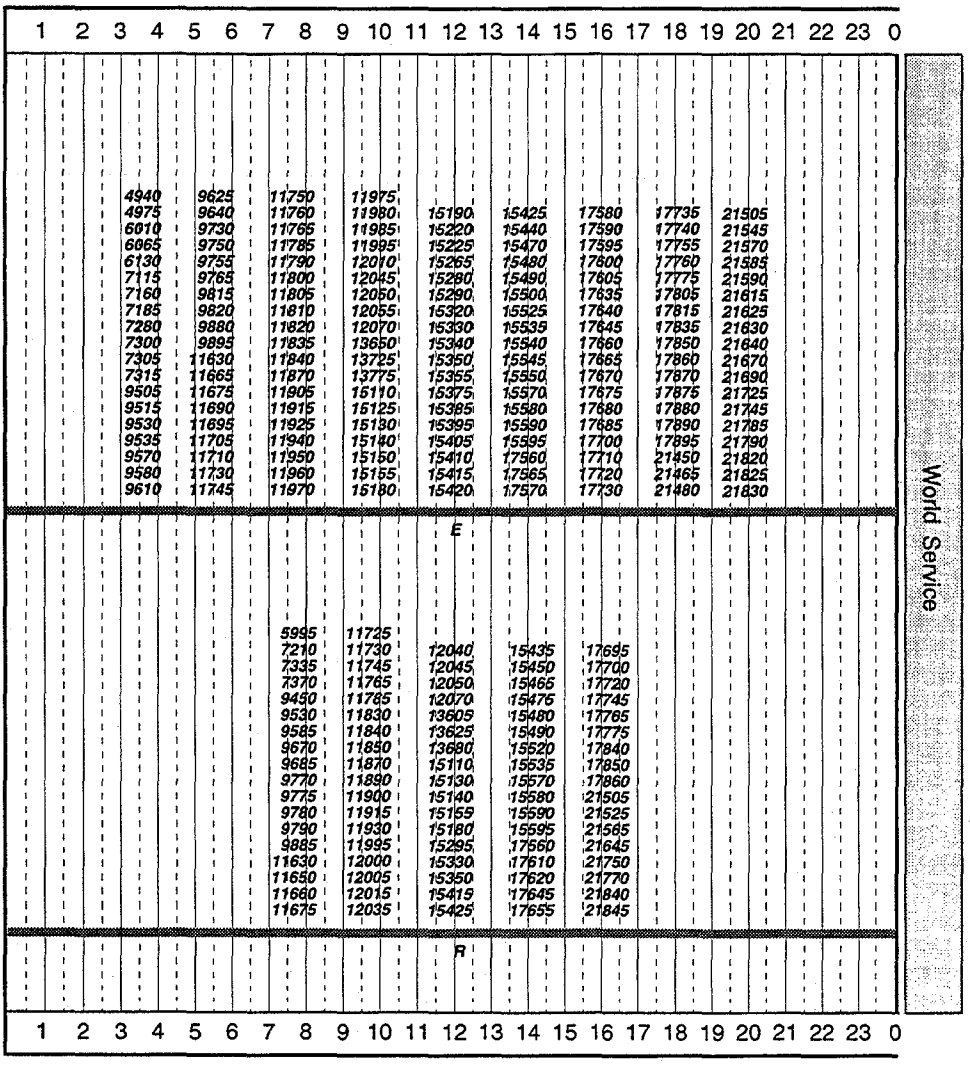


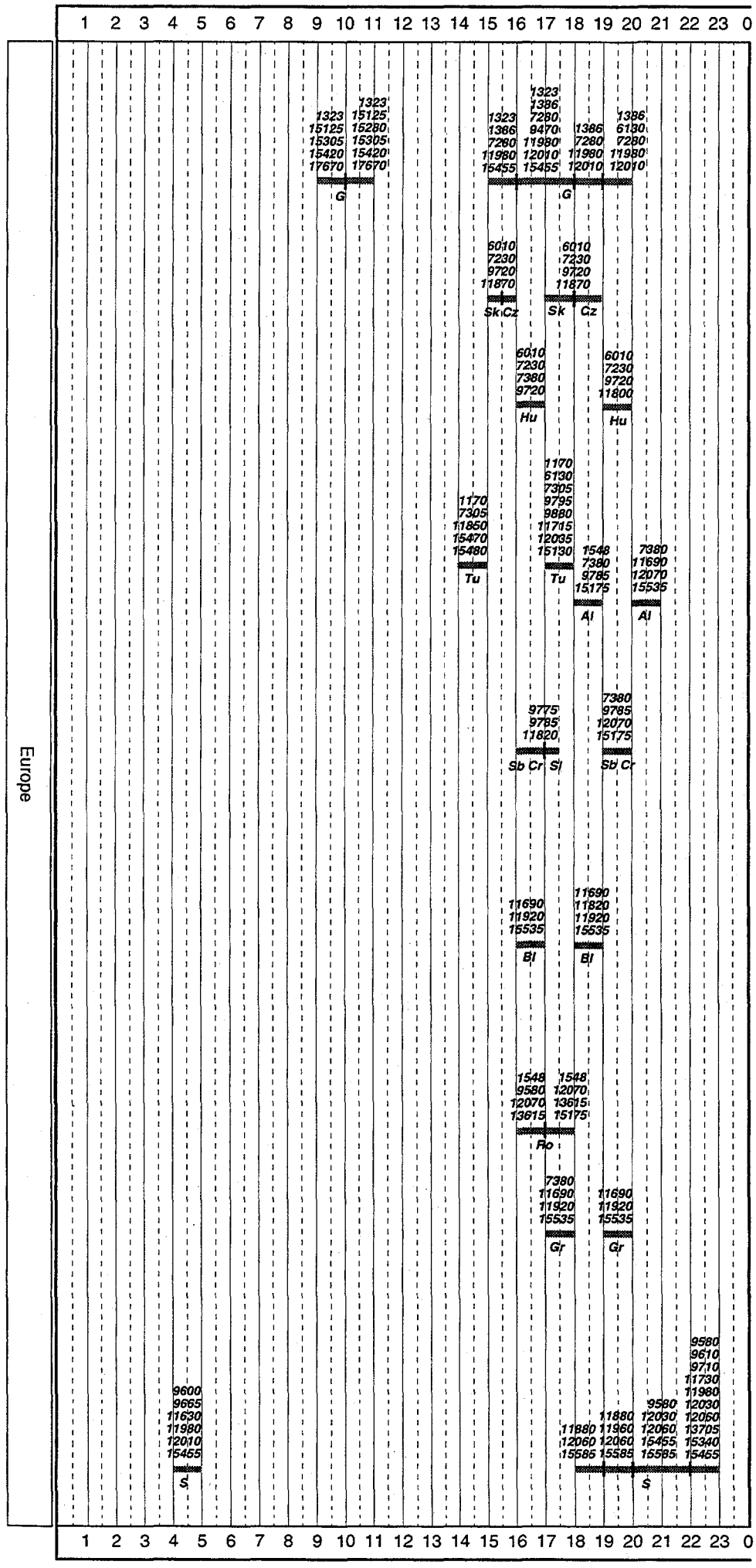


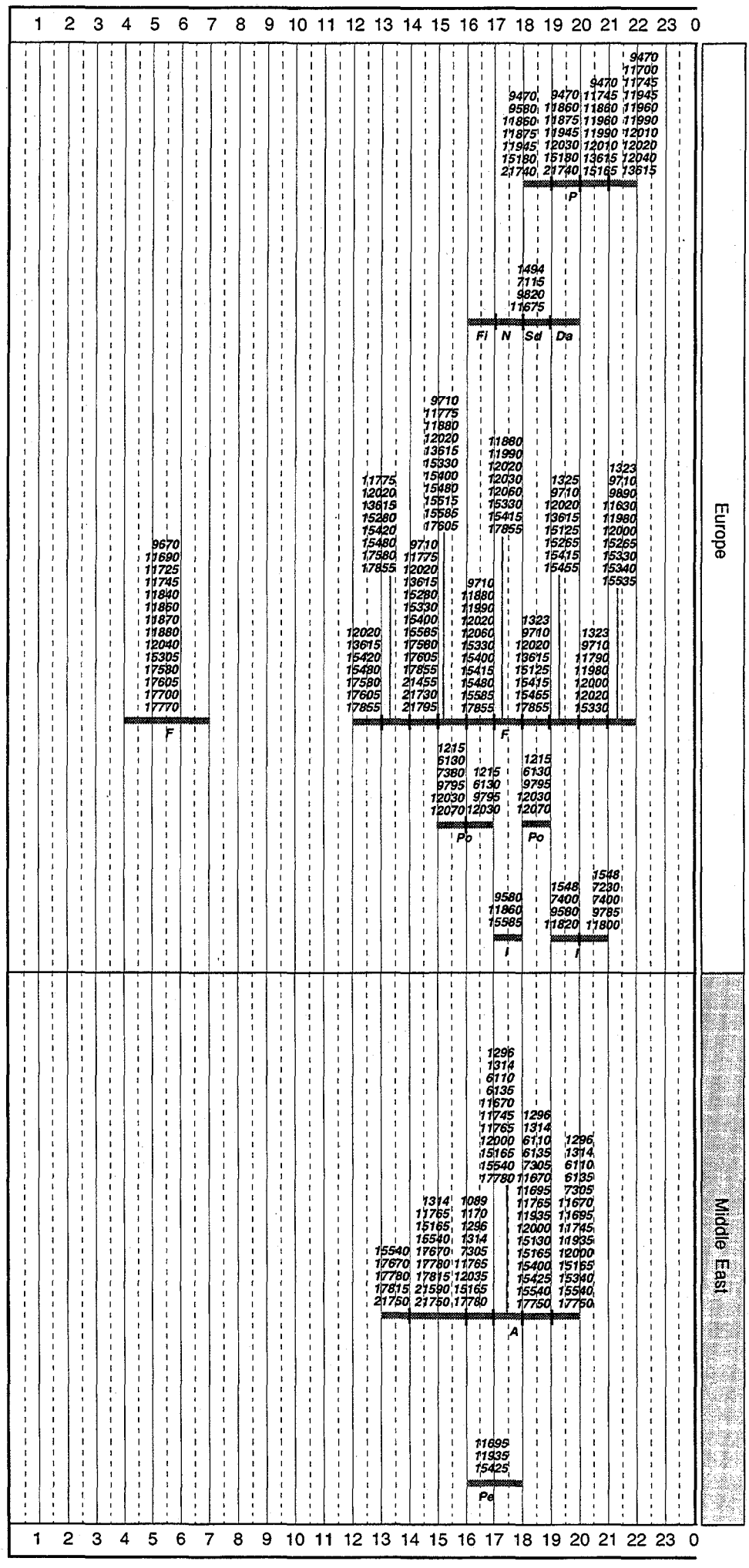
RUSSIA

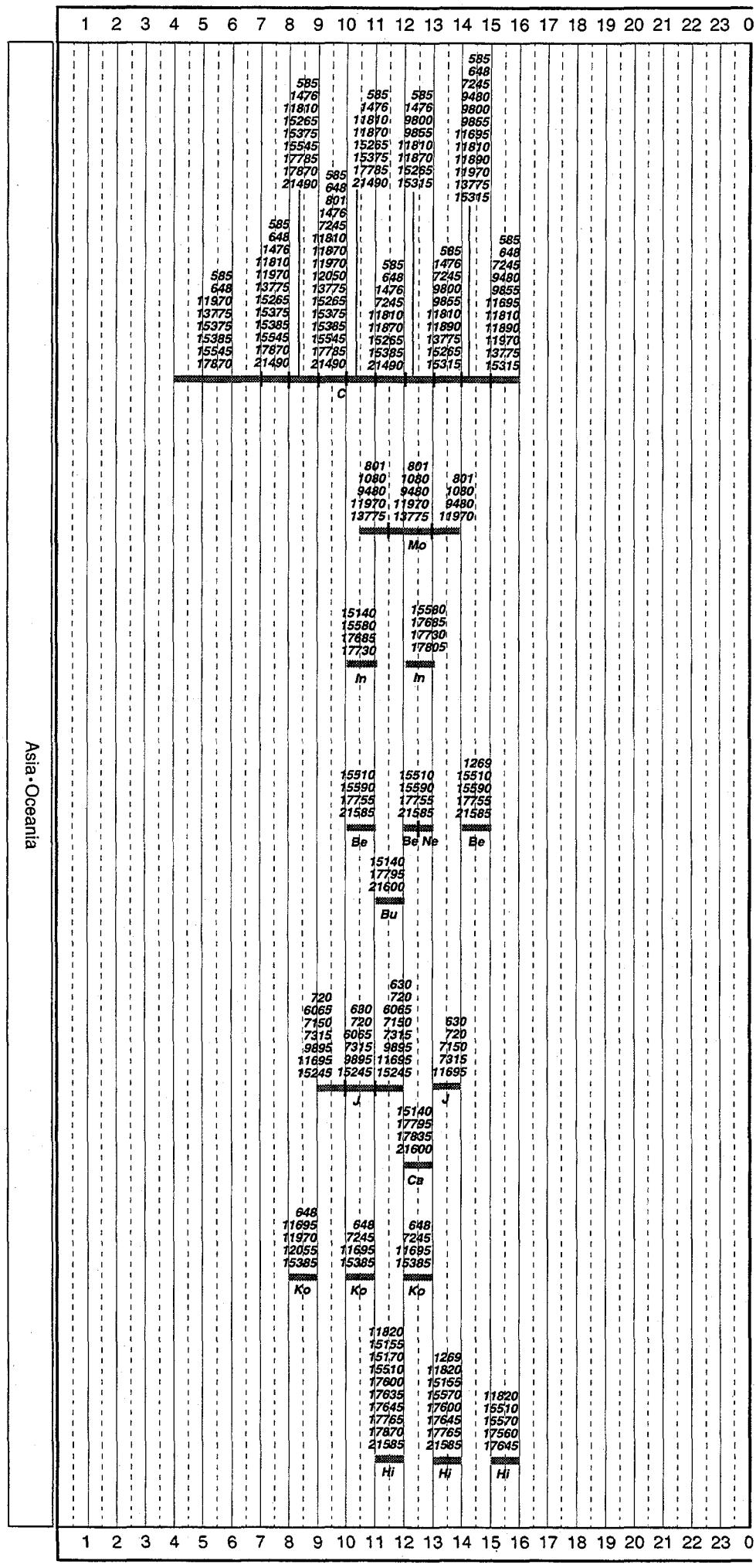
- Radio Moscow
- *"This is Radio Moscow" "Govorit Moskva"*

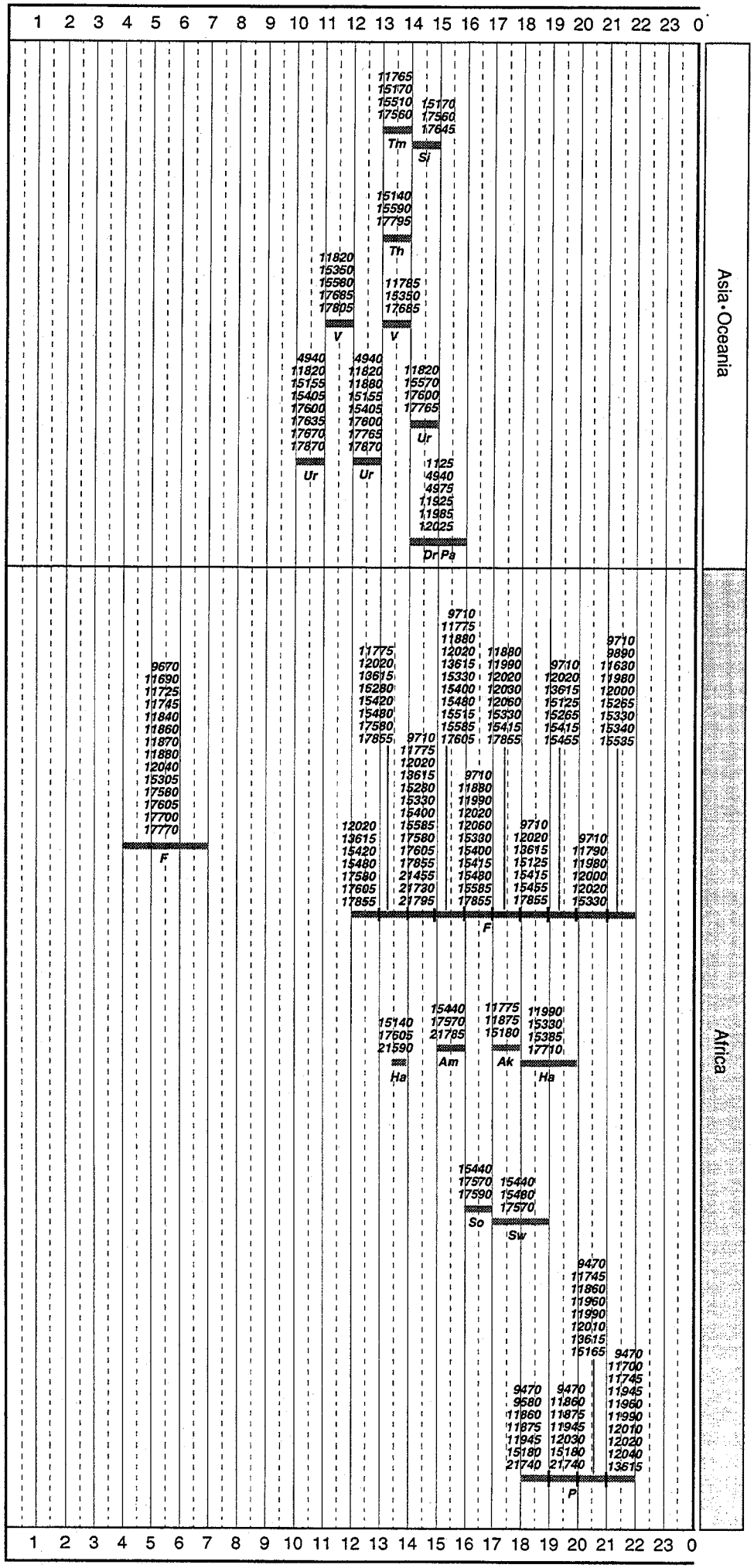
UTC(GMT)

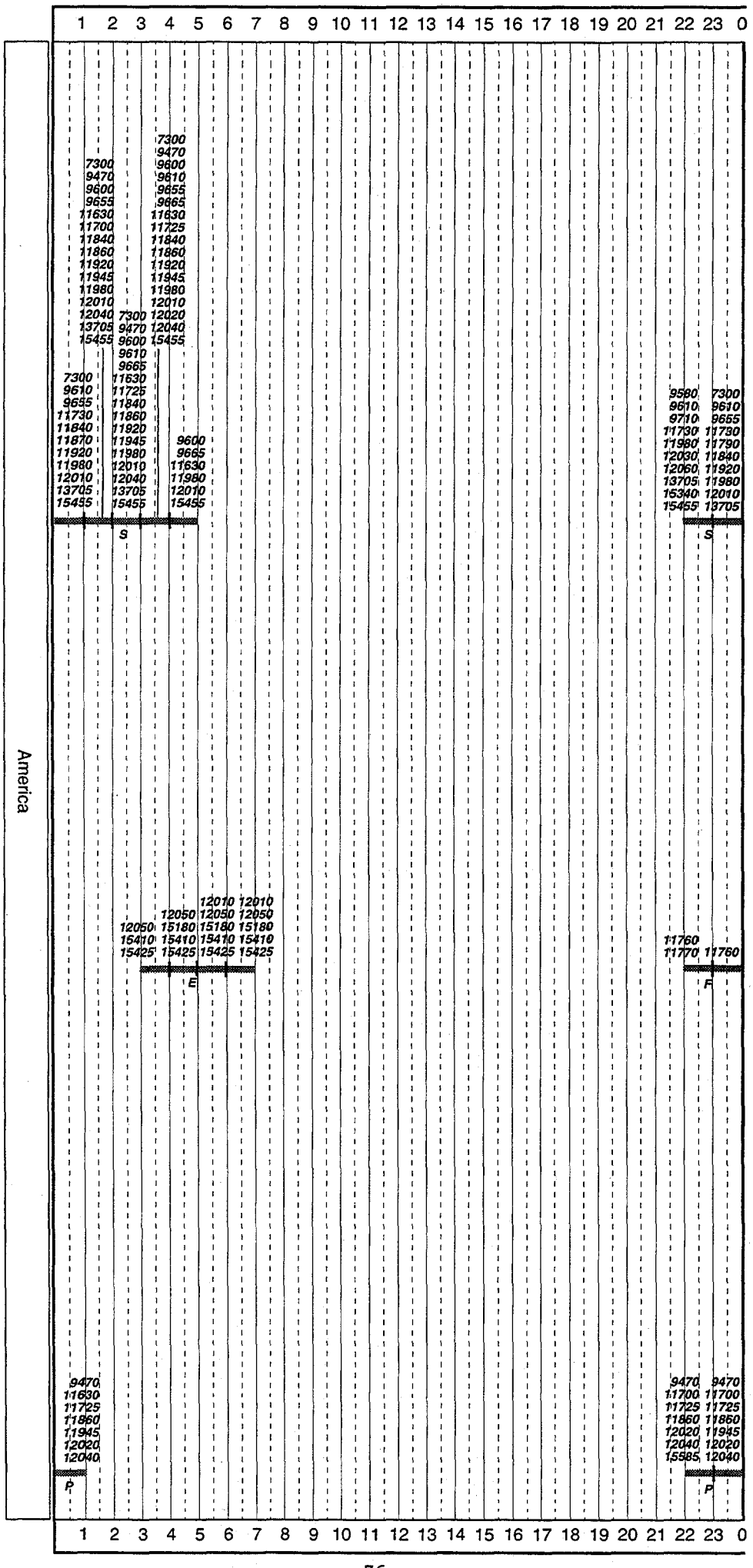



Europe
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
1323 15125 15280 15305 15420 17670
1323 15125 15280 15305 15420 17670
G
1323 1386 7280 9470 11980 12010 15455
1386 7280 11980 12010 15455
1386 6130 7280 9720 11980 12010
G
6010 7230 9720 11870
Sk Cz
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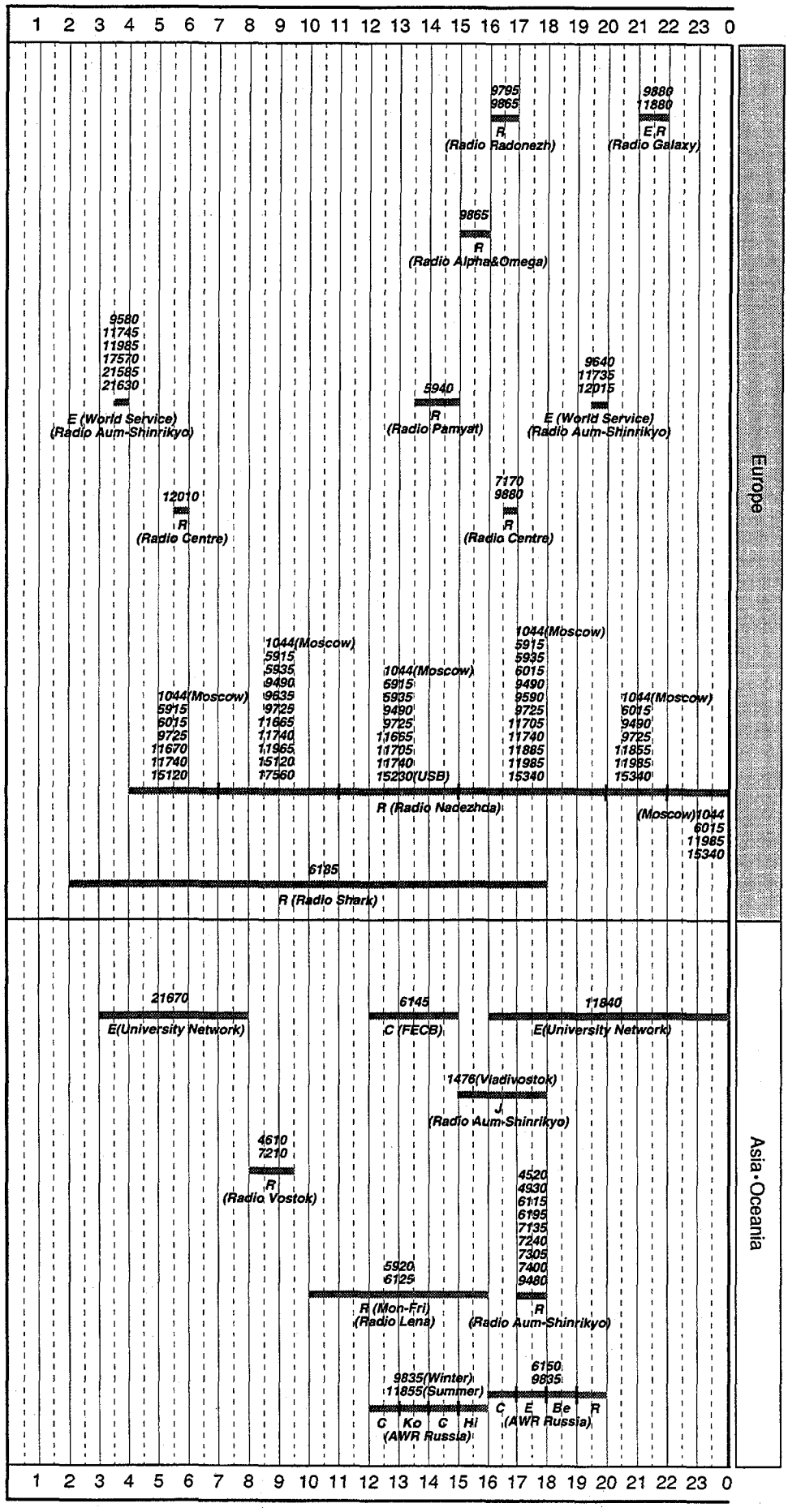

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
Europe
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
Asia・Oceania
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
Asia・Oceania
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Africa
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0


America
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
7300 9470 9600 9610 9655 11630 11725 11840 11860 11920 11945 11980 12010 12020 12040 15455
7300 9470 9600 9655 11630 11700 11840 11860 11920 11945 11980 12010 12040 13705 15455
7300 9610 9665 11630 11725 11840 11860 11920 11945 11980 12010 12040 13705 15455
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E
11760 11770
11760
F
9470 11630 11725 11860 11945 12020 12040
9470 11700 11725 11860 12020 12040 15585
P
P

- AWR Russia
- FECB
- Radio Alpha&Omega
- Radio Aum-Shinrikyo
- Radio Centre
- Radio Galaxy
- Radio Lena
- Radio Nadezhda
- Radio Pamyat
- Radio Radonezh
- Radio Shark
- Radio Vostok
- University Network

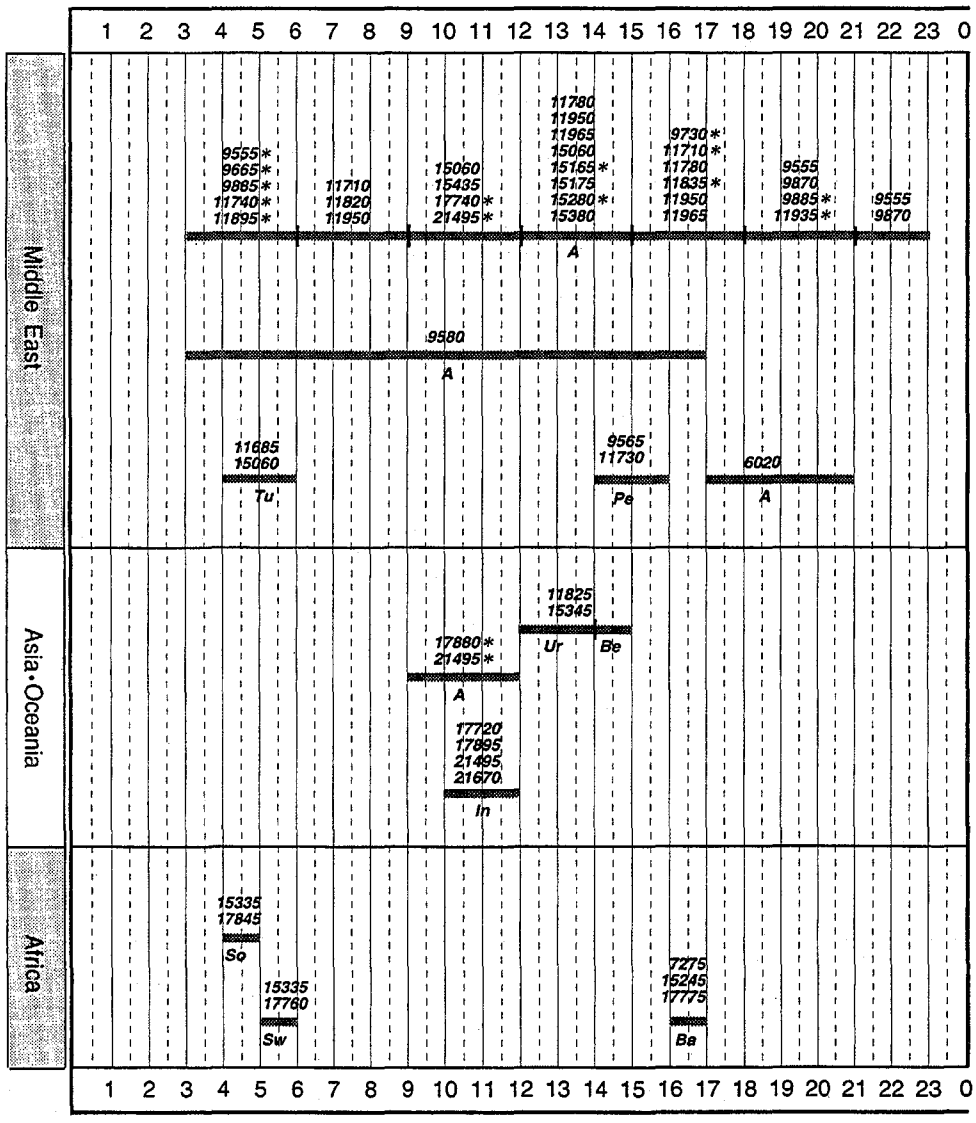


SAUDI ARABIA

●Broadcasting Service of the Kingdom of Saudi Arabia

●*"This is the Broadcasting Service of the Kingdom of Saudi Arabia"*
"Al-ithaa' t'ill Mamlakah t'll Arabiyah Saudiyah min ar riyahd"
*the Koran

UTC(GMT)

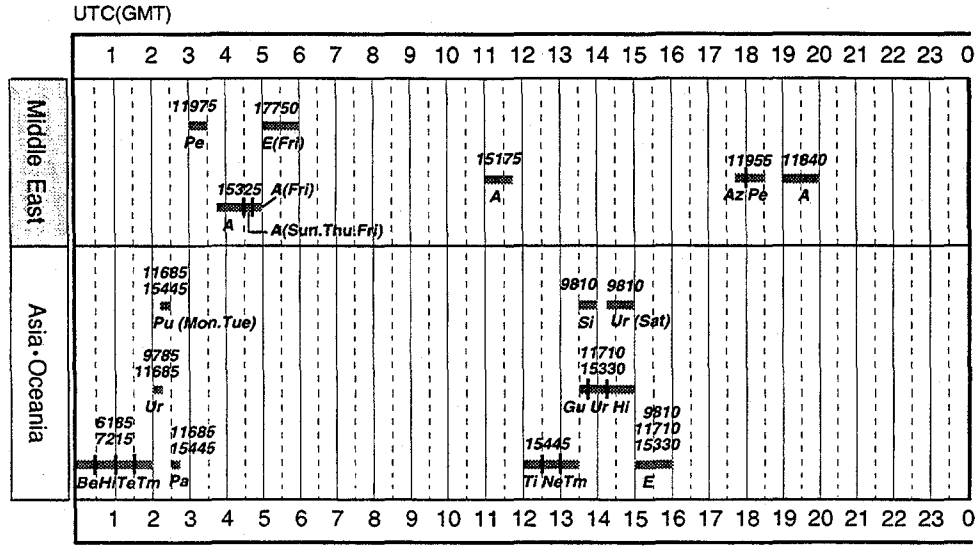


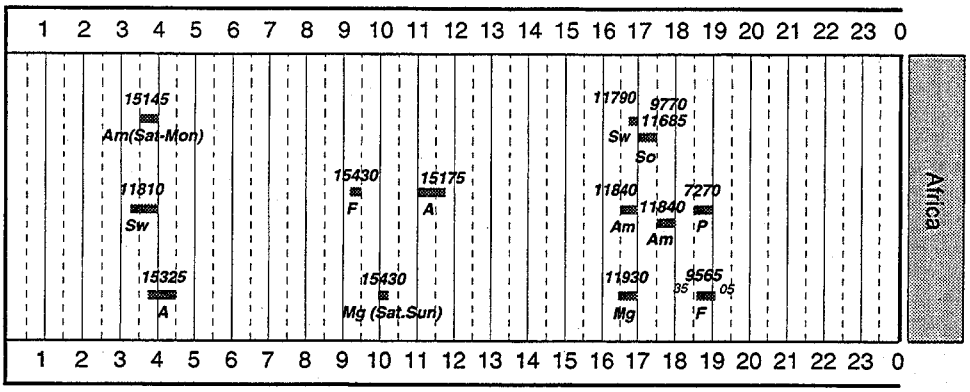
SEYCHELLES

●Far East Broadcasting Association (FEBA)

●*"This is FEBA, Seychelles"*

UTC(GMT)

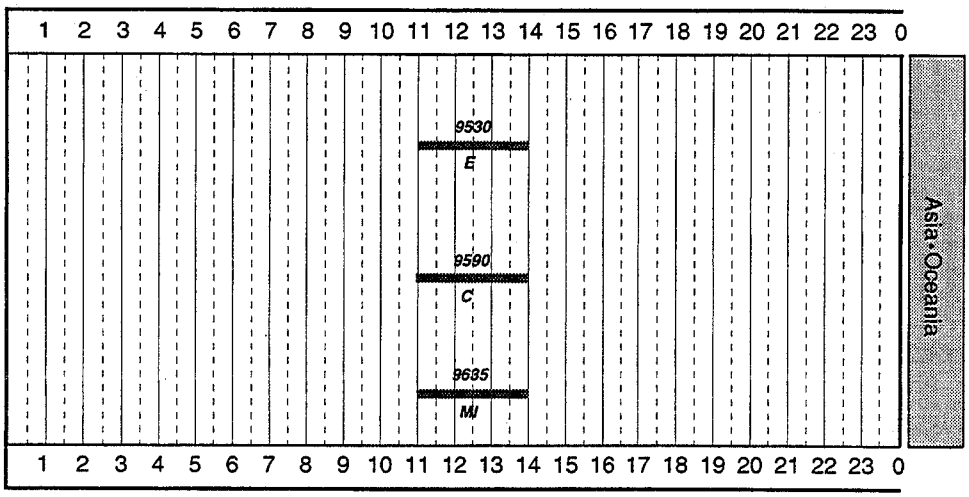




SINGAPORE

- Radio Singapore International (RSI)
- *"This is Radio Singapore International"*

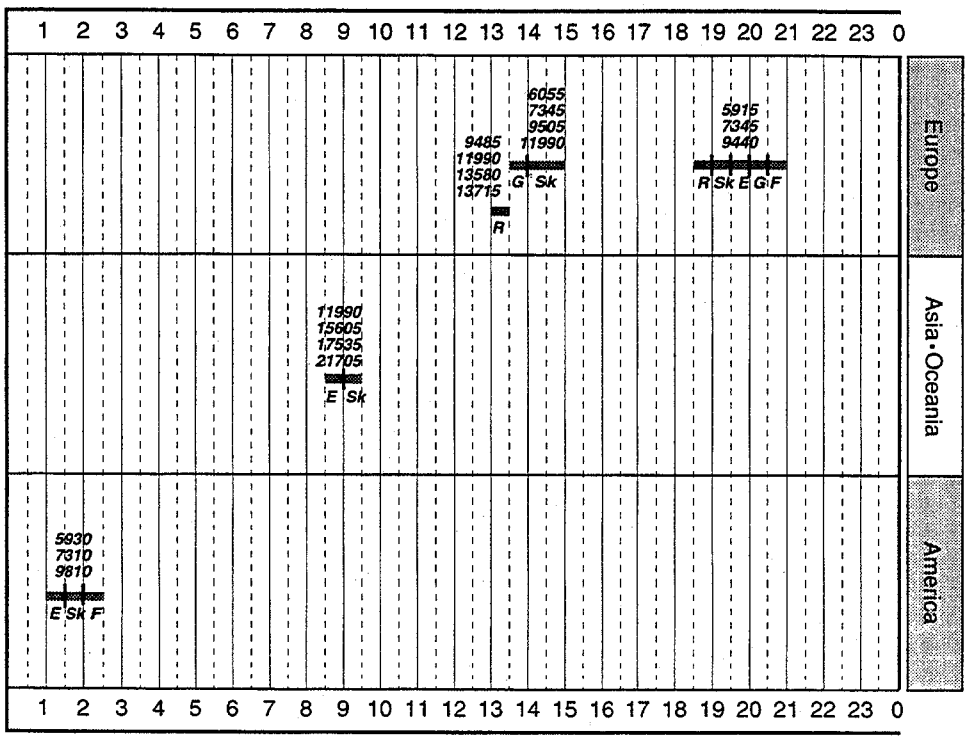
UTC(GMT)



SLOVAKIA

- Slovak Radio International (SRI)
- *"This is Slovak Radio International"*
  European Services are one hour earlier in "Summer Time" seasons.

UTC(GMT)

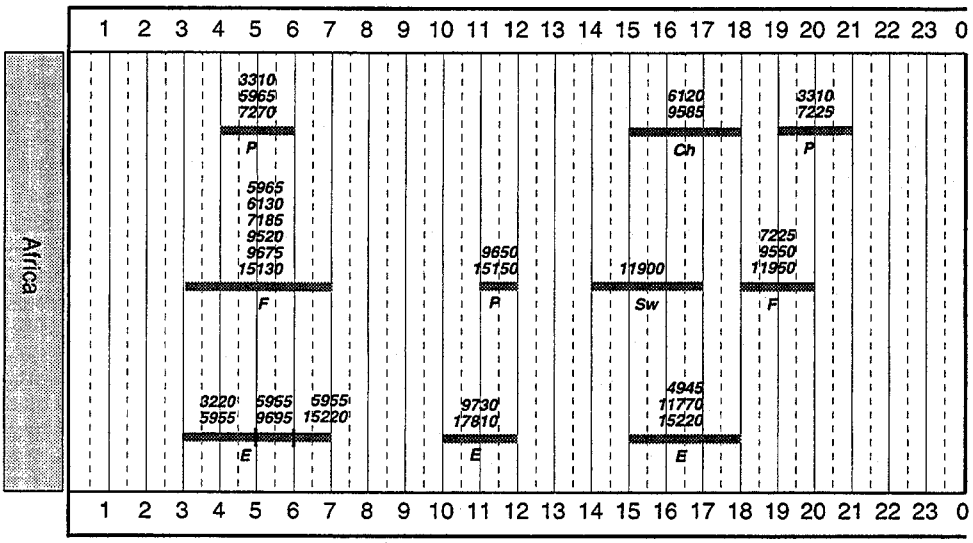


SOUTH AFRICA

●Channel Africa

●*"This is Channel Africa, calling from Johannesburg"*

UTC(GMT)



SPAIN

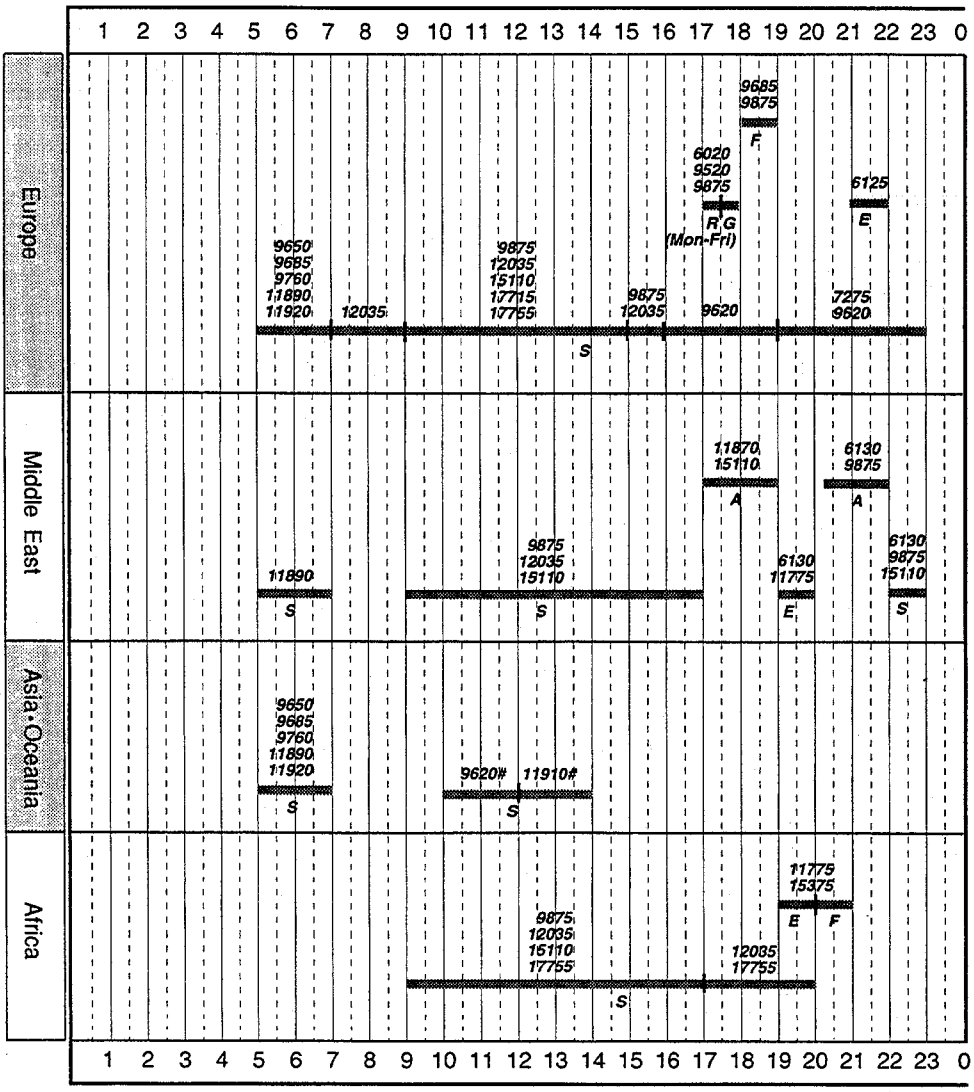
●Radio Exterior de España

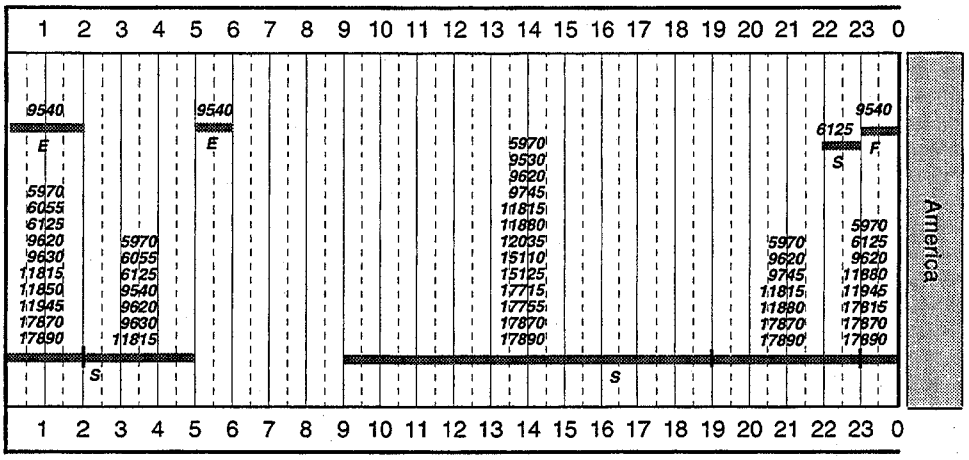
●*"This is the Spanish Foreign Radio"*

"Transmite Radio Exterior de España desde sus estudios en Madrid"

marks which mean China relay

UTC(GMT)

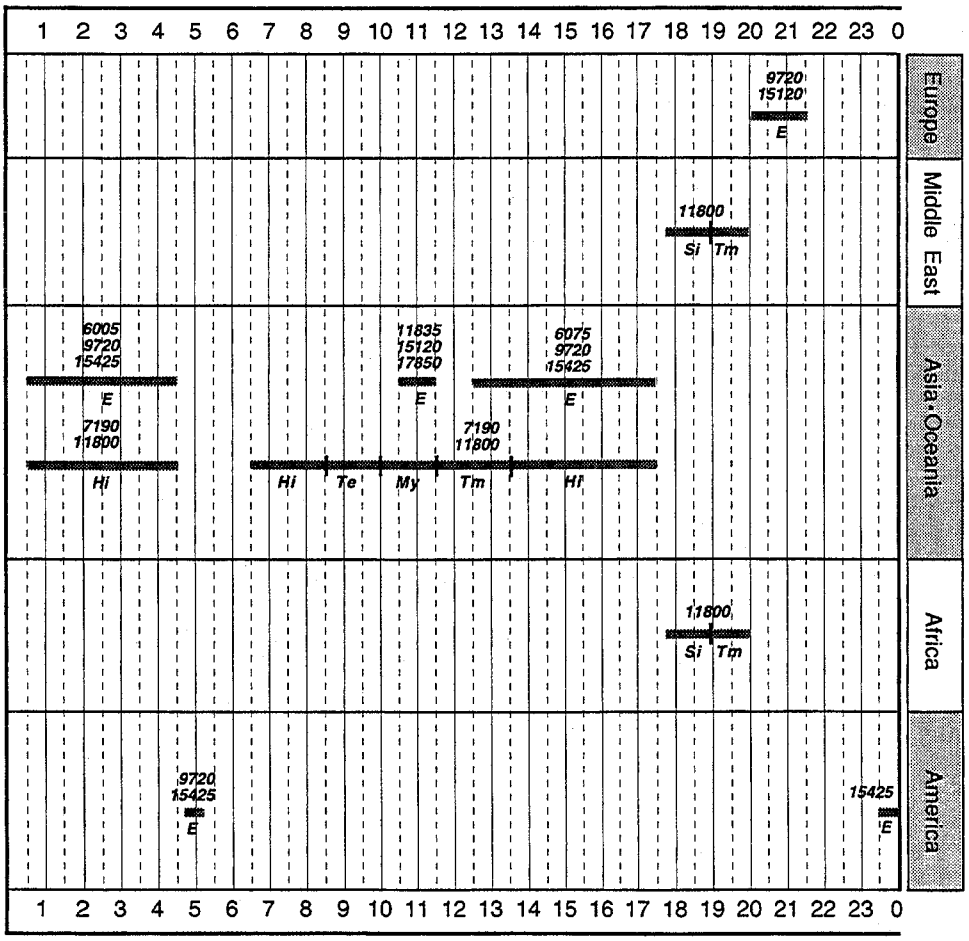




SRI LANKA

- Sri Lanka Broadcasting Corporation
- *"This is the Sri Lanka Broadcasting Corporation"*
  "Me Sri Lanka Guwan Vidulil"

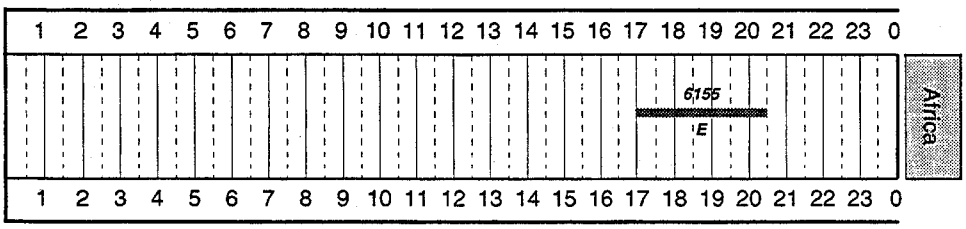
UTC(GMT)



SWAZILAND

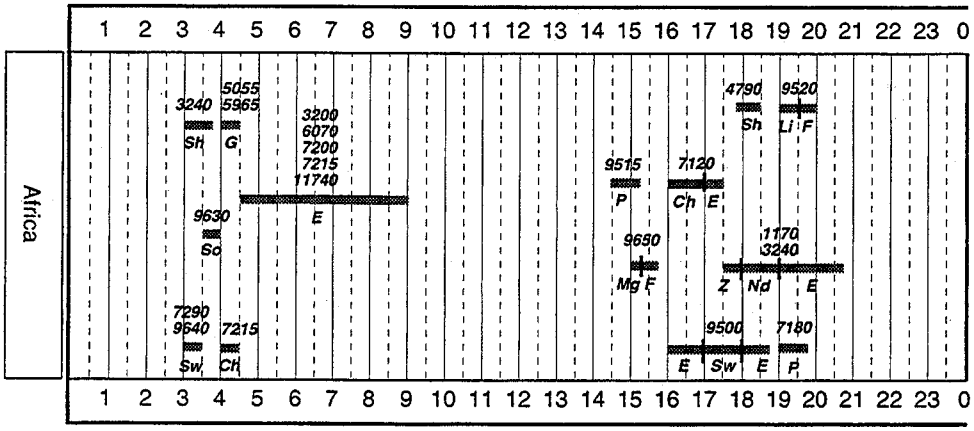
- Swazi Radio
- *"This is Swazi Radio"*

UTC(GMT)



●Trans World Radio (TWR)
●*"From the beautiful Kingdom of Swaziland, This is Trans World Radio"*

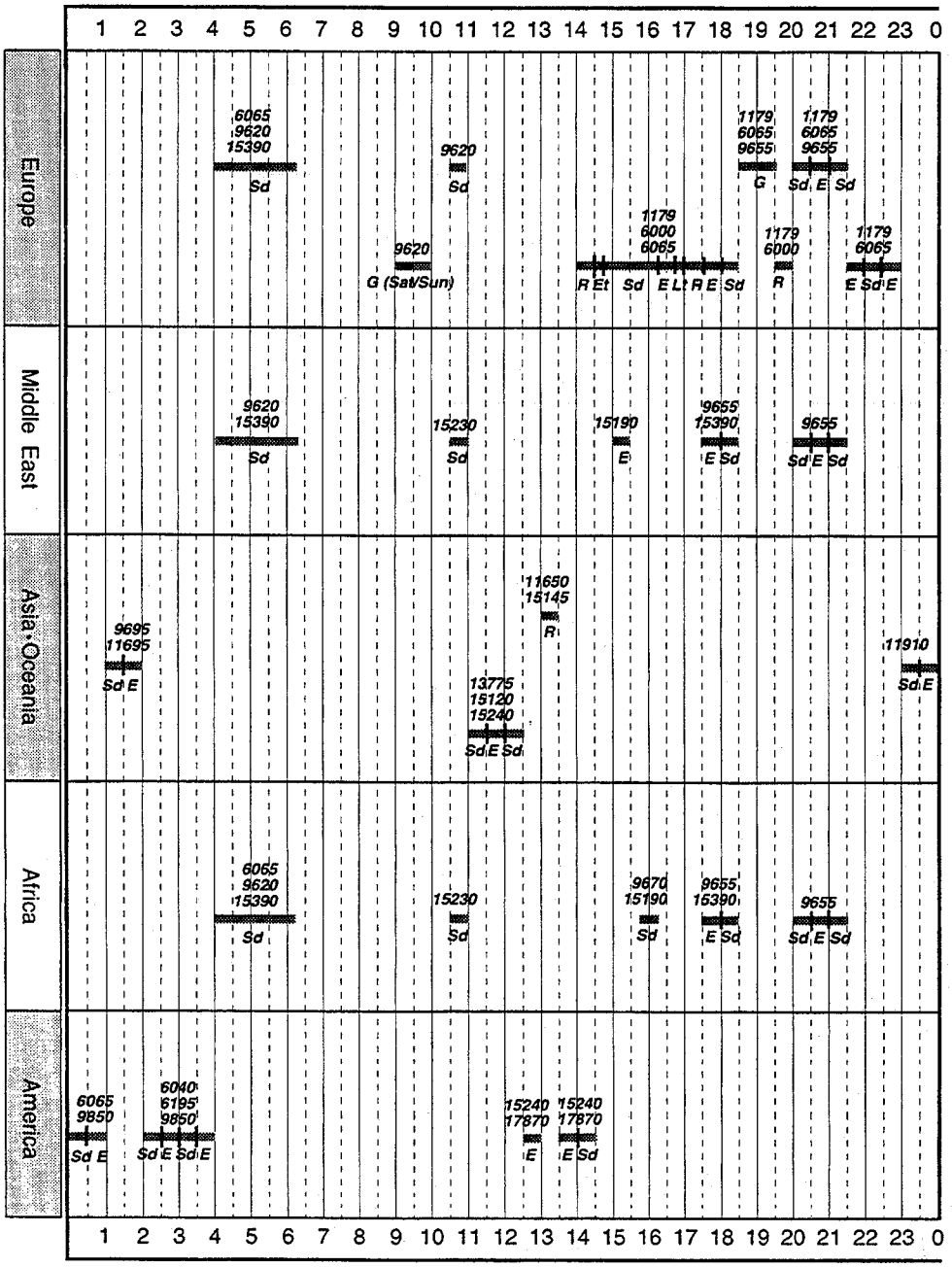
UTC(GMT)



SWEDEN

●Radio Sweden
●*"This is Radio Sweden"* *"Utlandsprogrammet, Sveriges Radio"*

UTC(GMT)

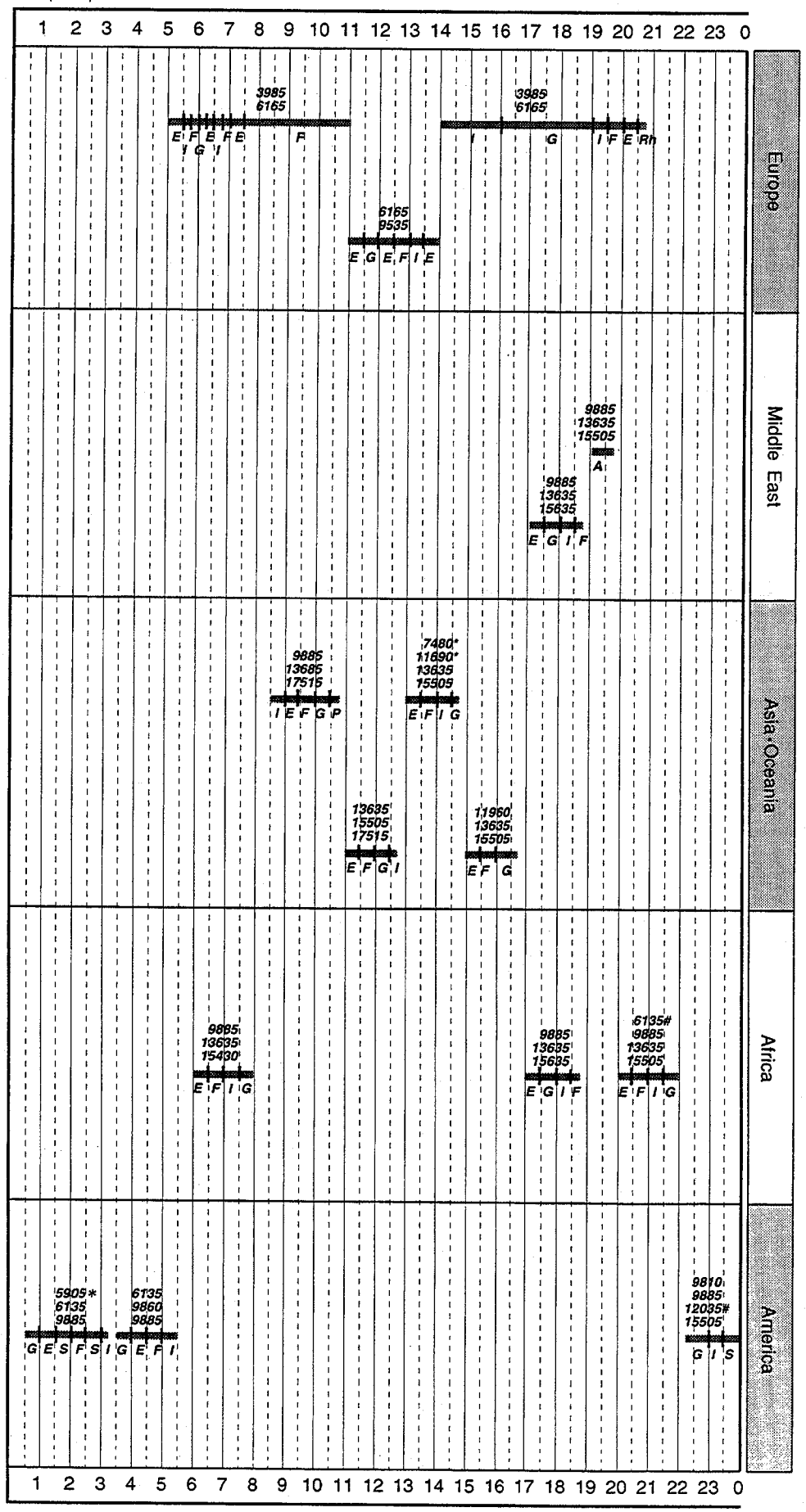


SWITZERLAND

- Swiss Radio International
- *"This is Swiss Radio International"*

"Summer Time" seasons for European Services are one hour earlier.
Relay Stations: *=China / #=Gabon / ＊=Brazil

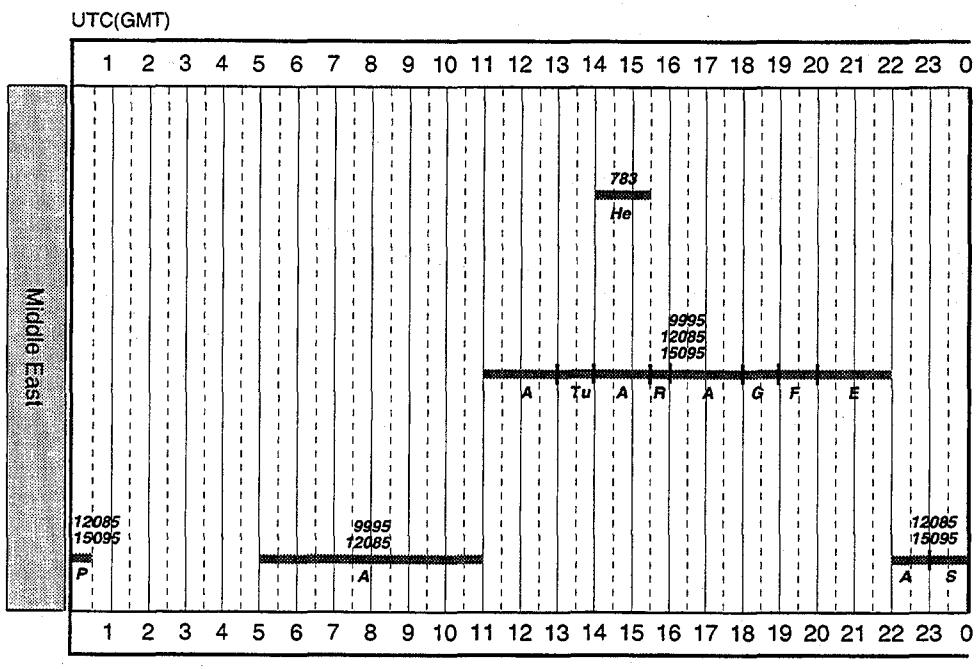
UTC(GMT)



SYRIAN ARAB REPUBLIC

●Syrian Broadcasting and Television Organization

●*"This is the Syrian Arab Broadcasting Service from Damascus"*

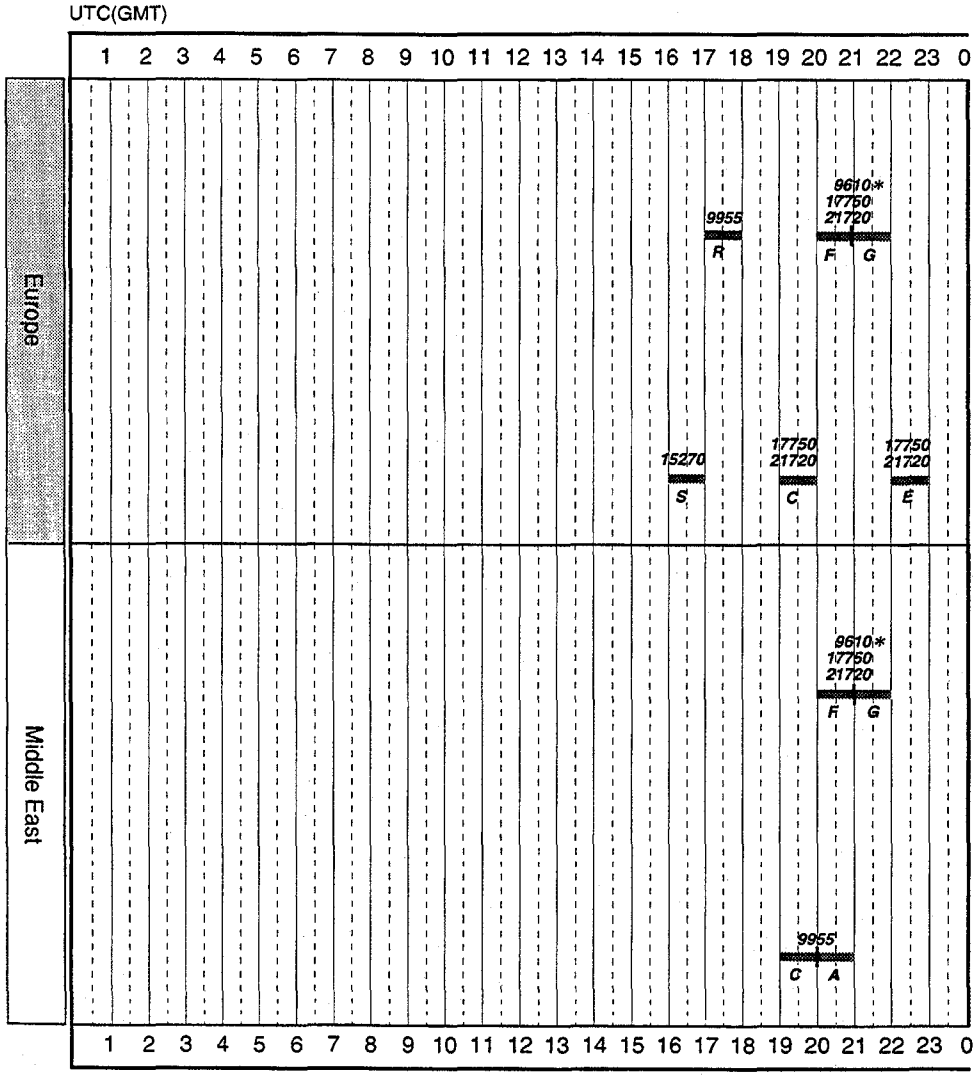


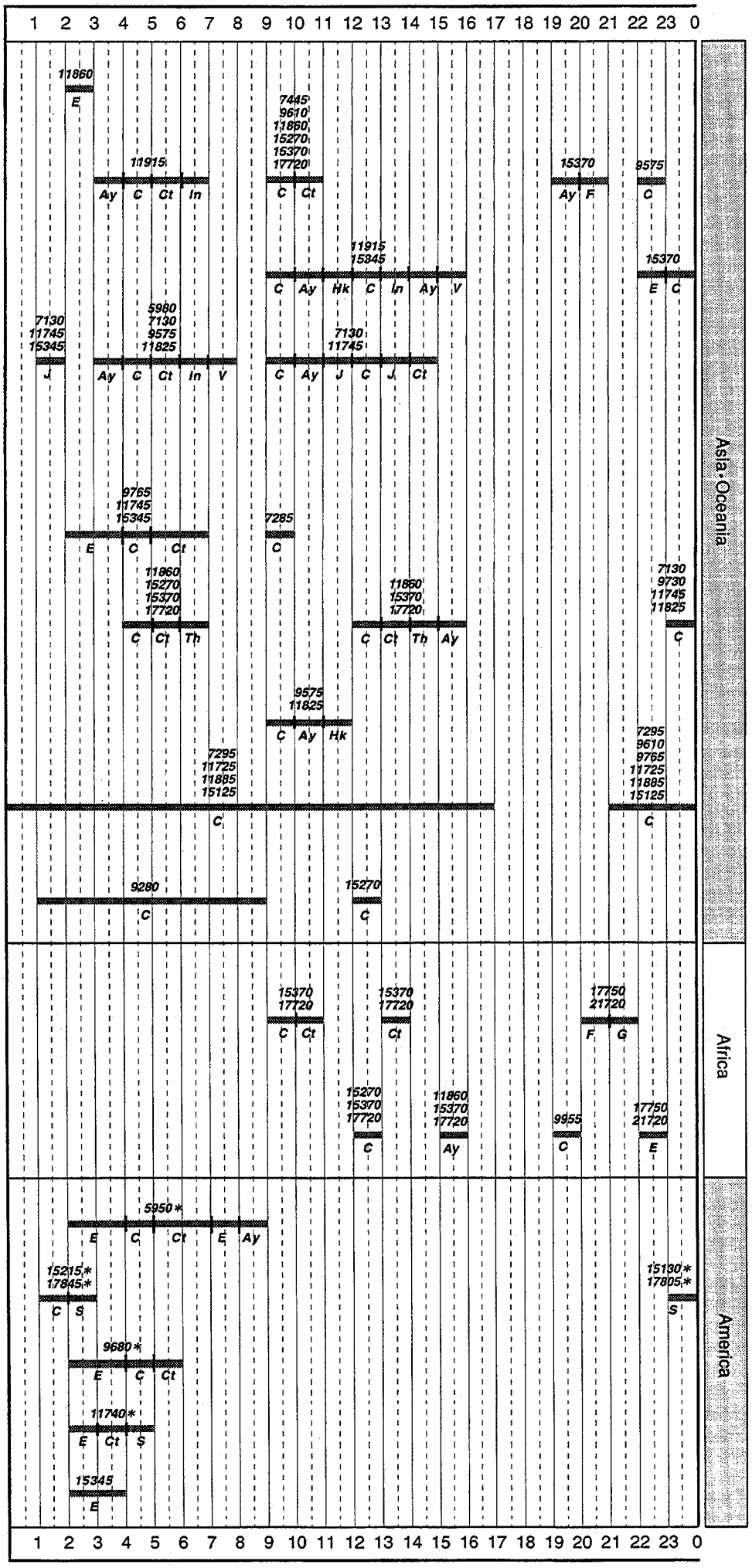
TAIWAN

●Voice of Free China

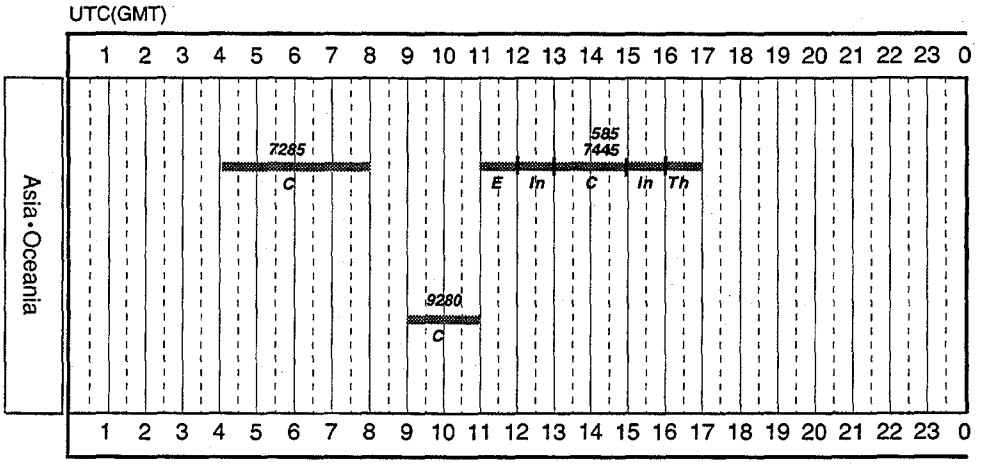
●*"This is the Voice of Free China"*

＊marks which mean USA relay.



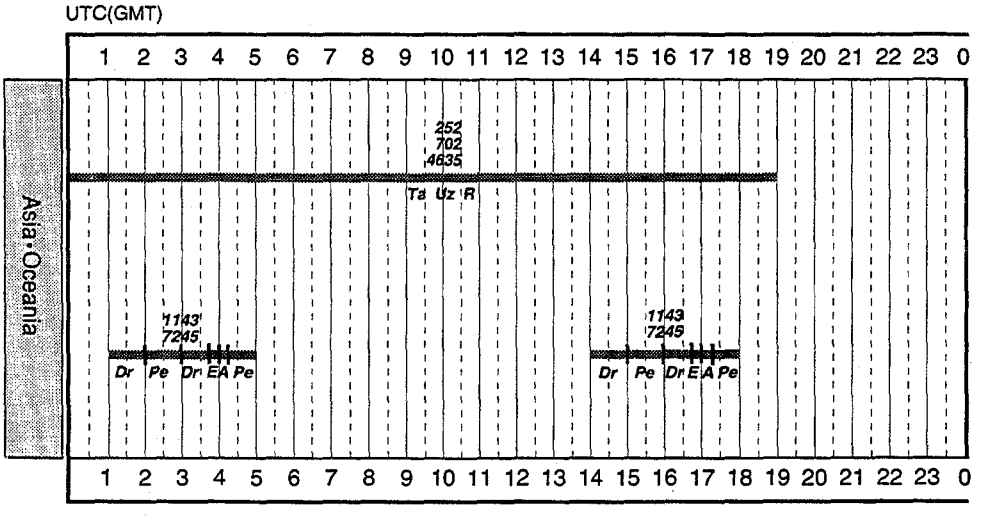

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
11860 E
11915 Ay C Ct In
7445 9610 11860 15270 15370 17720 C Ct
15370 Ay F
9575 C
11915 15845 C Ay Hk C In Ay V
15370 E C
7130 11745 15345 J
5980 7130 9575 11825 Ay C Ct In V
7130 11745 J C J Ct
9765 11745 15345 E C Ct
7285 C
11860 15270 15370 17720 C Ct Th
11860 15370 17720 C Ct Th Ay
7130 9730 11745 11825 C
9575 11825 C Ay Hk
7295 11725 11885 15125 C
7295 9610 9765 11725 11885 15125 C
9280 C
15270 C
15370 17720 C Ct
15370 17720 Ct
17750 21720 F G
15270 15370 17720 C
11860 15370 17720 Ay
9955 C
17750 21720 E
5950* E C Ct E Ay
15215* 17845* C S
15130* 17805* S
9680* E C Ct
11740* E Ct S
15345 E
Asia, Oceania
Africa
America

●Voice of Asia
●*"This is the Voice of Asia"*



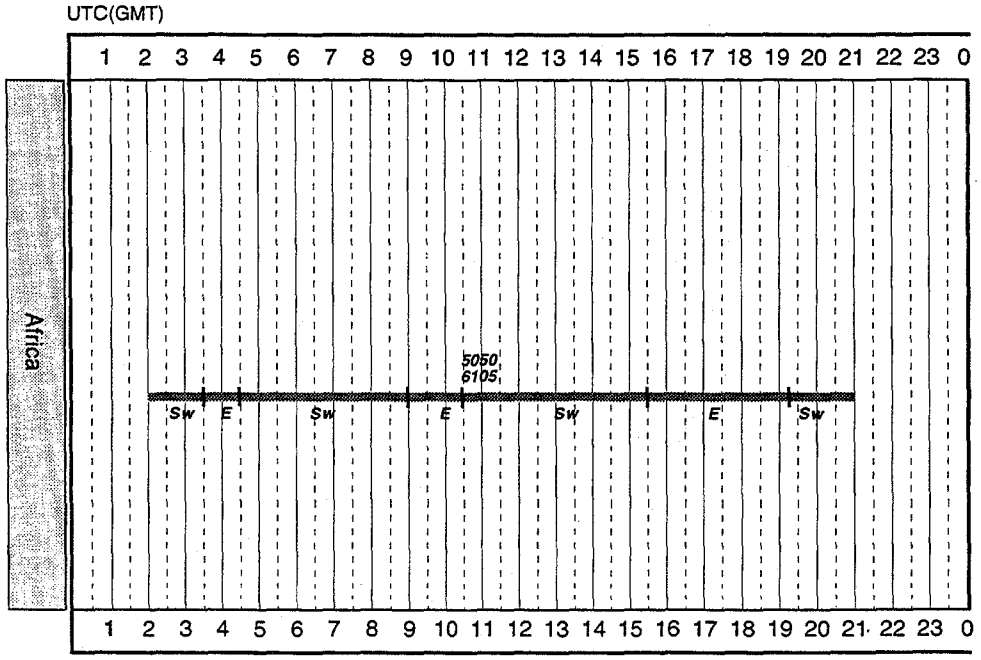
TAJIKISTAN

●Tajik Radio
●*"Inja Dushanbe"*



TANZANIA

●Radio Tanzania
●*"This is the External Service of Radio Tanzania"*

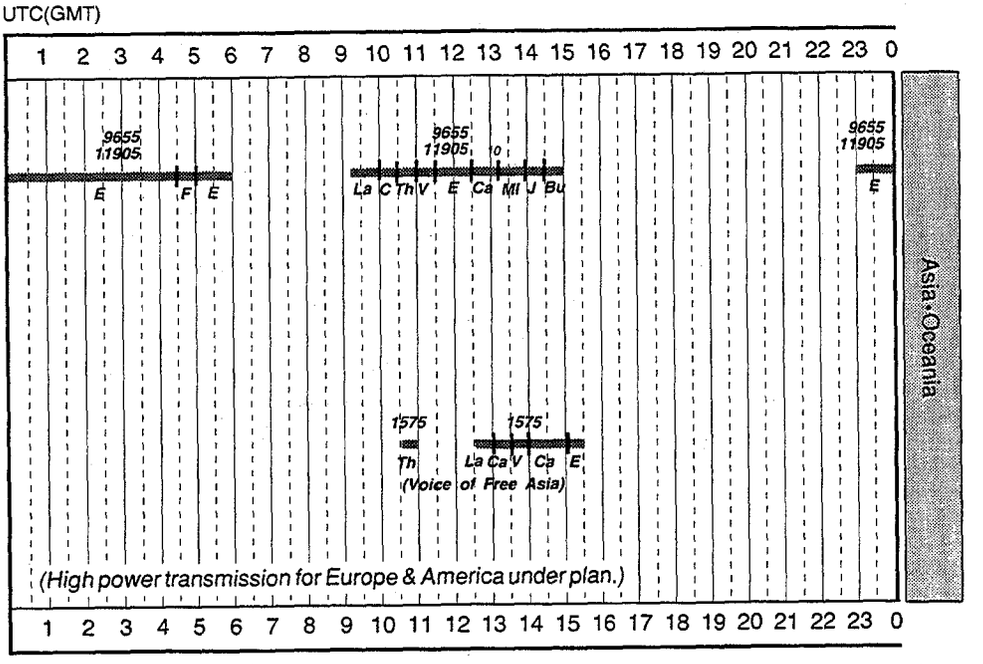


THAILAND

●Radio Thailand

●*"This is Radio Thailand"*

UTC(GMT)



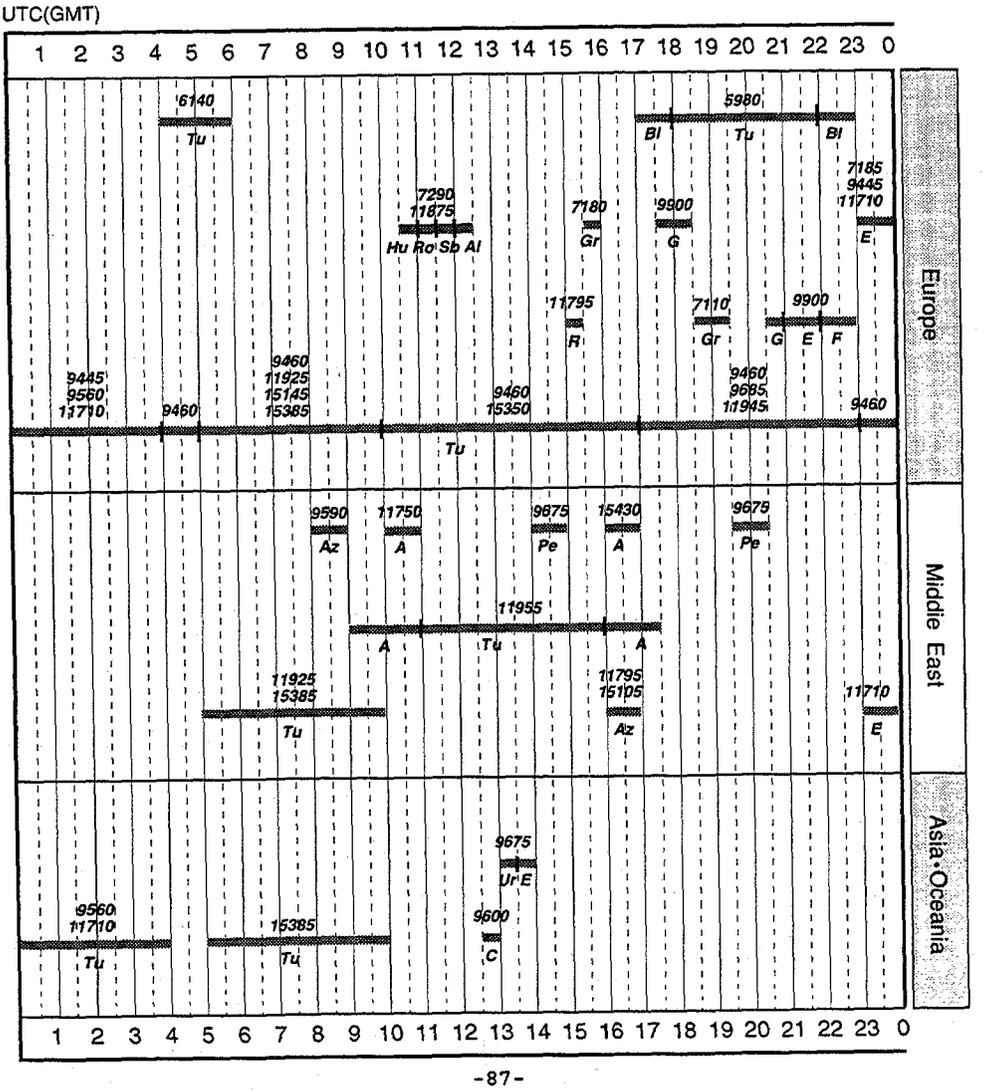
TURKEY

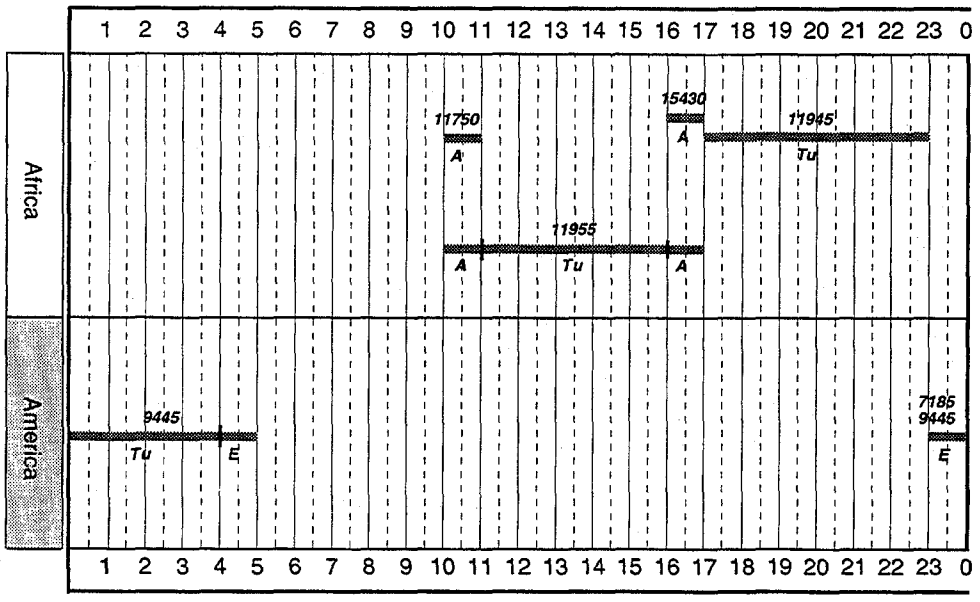
●Voice of Turkey

●*"This is the Voice of Turkey" "Burasi Turkiyenin Sesi Radyosu"*

"Summer Time" seasons are one hour earlier.

UTC(GMT)

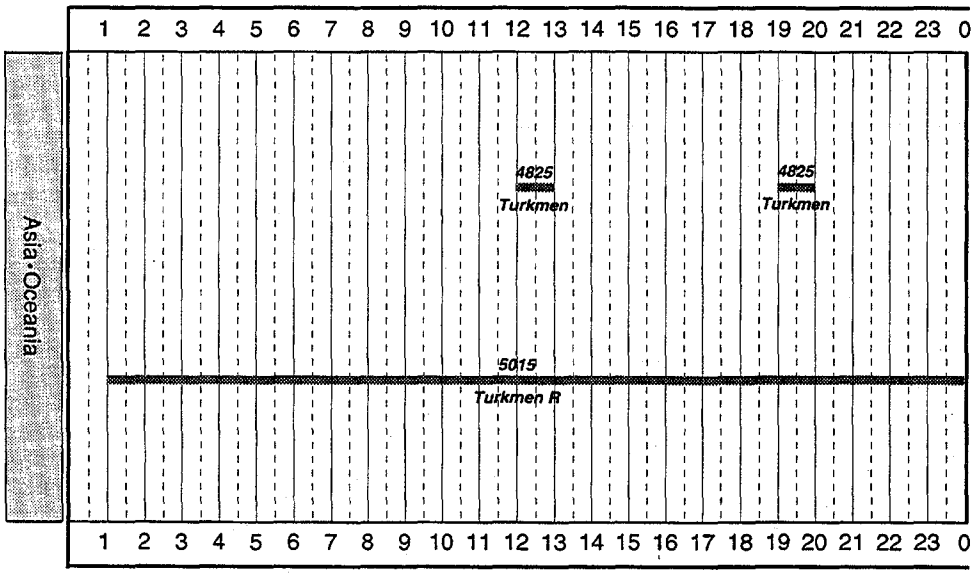




TURKMENIA

- Turkmen Radio
- *"Qepleyar Ashgabad"*

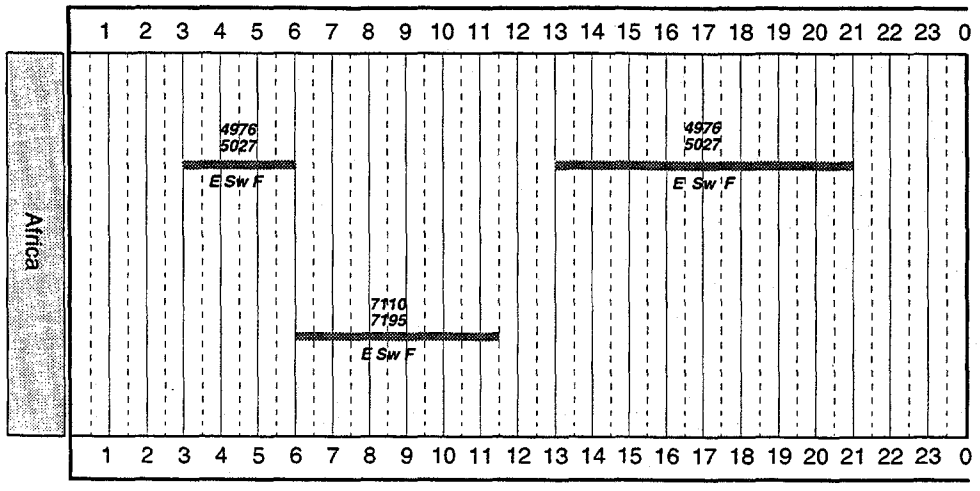
UTC(GMT)



UGANDA

- Radio Uganda
- *"This is Radio Uganda, Kampala"*

UTC(GMT)



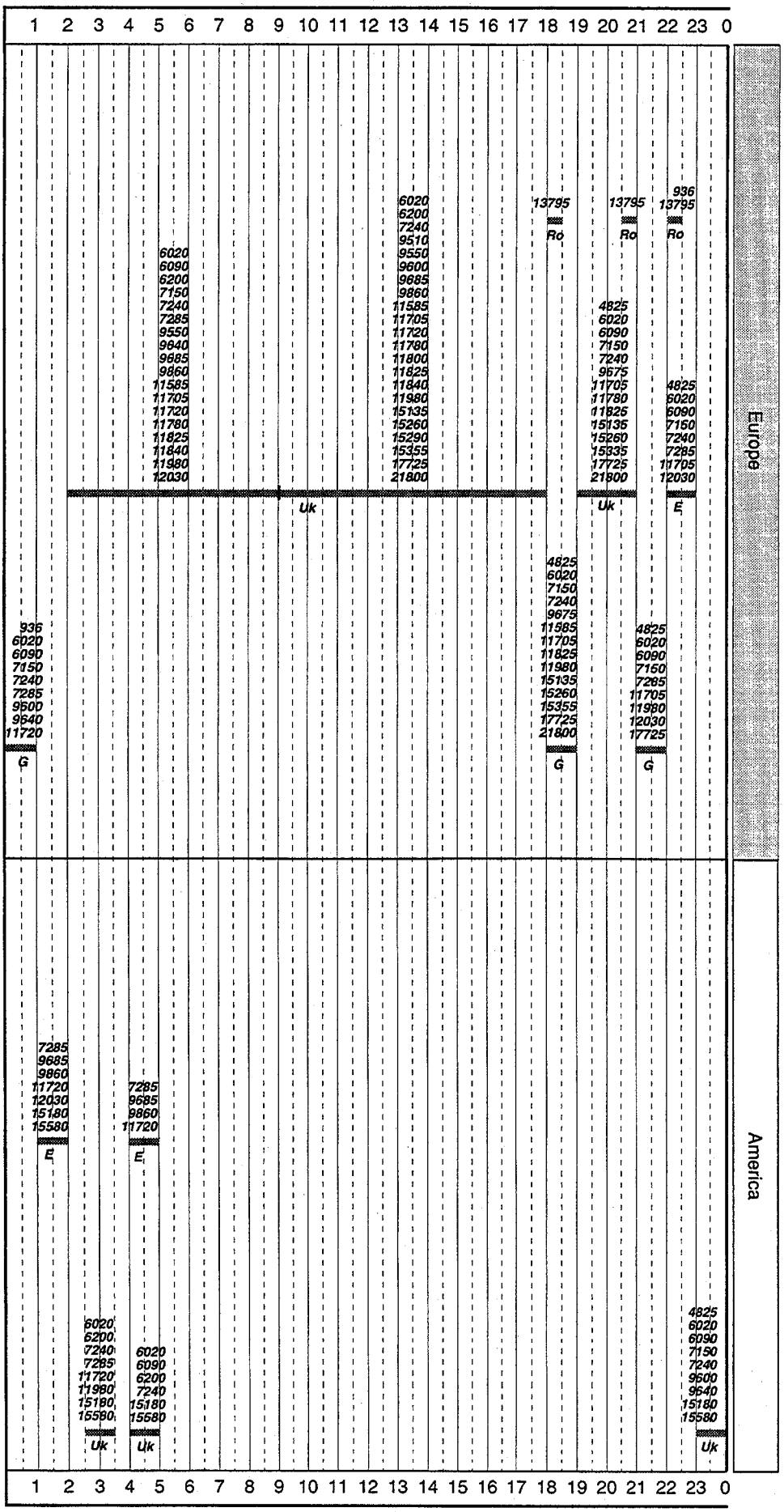
UKRAINE

●Radio Ukraine International

●*"Hovorit Kiev"*

"Summer Time" seasons are one hour earlier.

UTC(GMT)

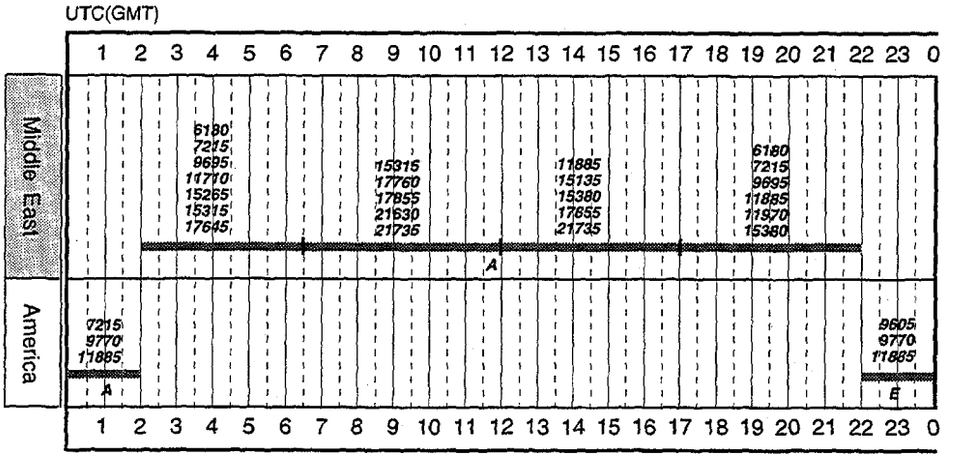


UNITED ARAB EMIRATES

●Voice of the United Arab Emirates

●*"Sautulimarat al Arabiya al muttahida min Abu Dhabi"*

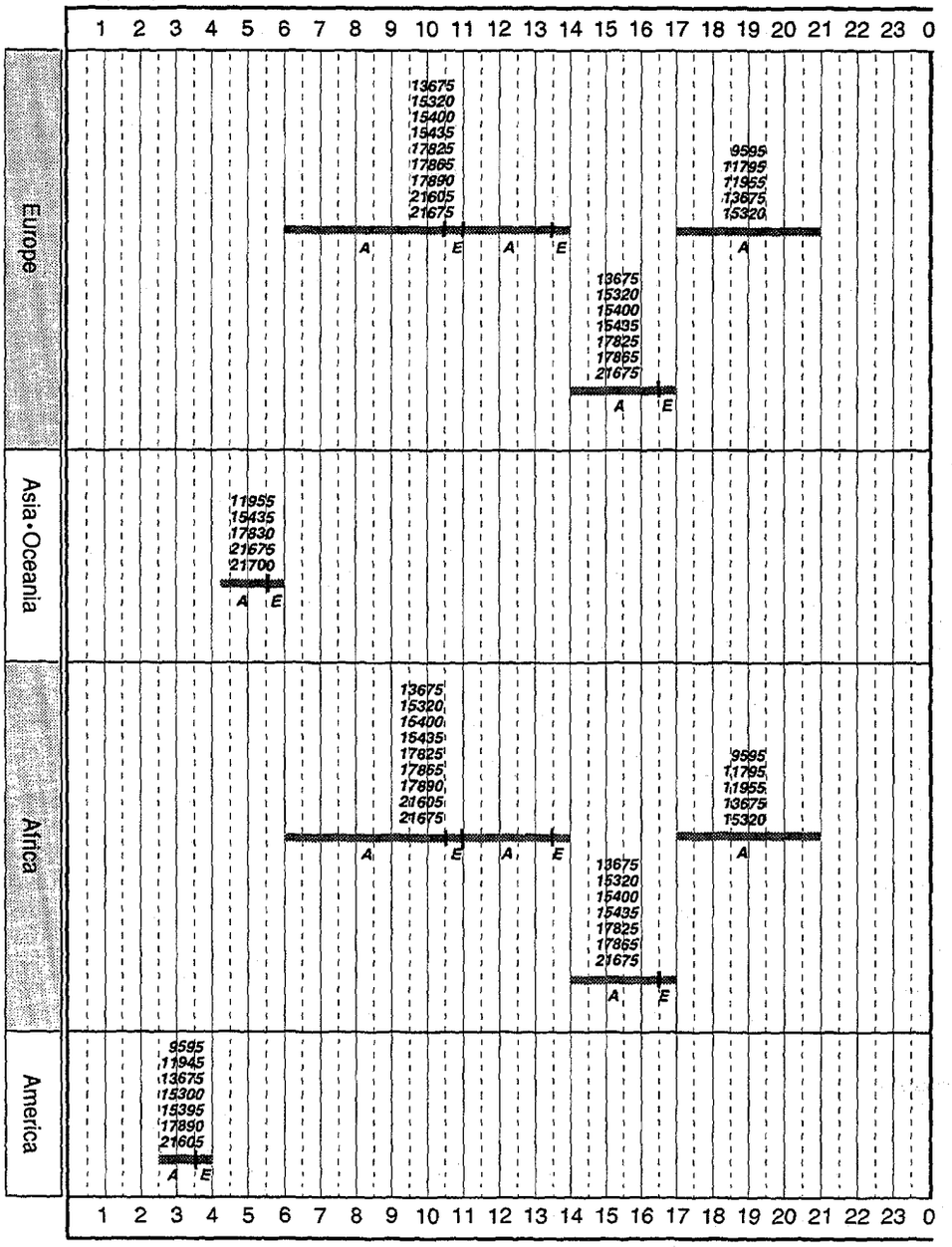
UTC(GMT)



●UAE Radio

●*"This is United Arab Emirates Radio in Dubai"*

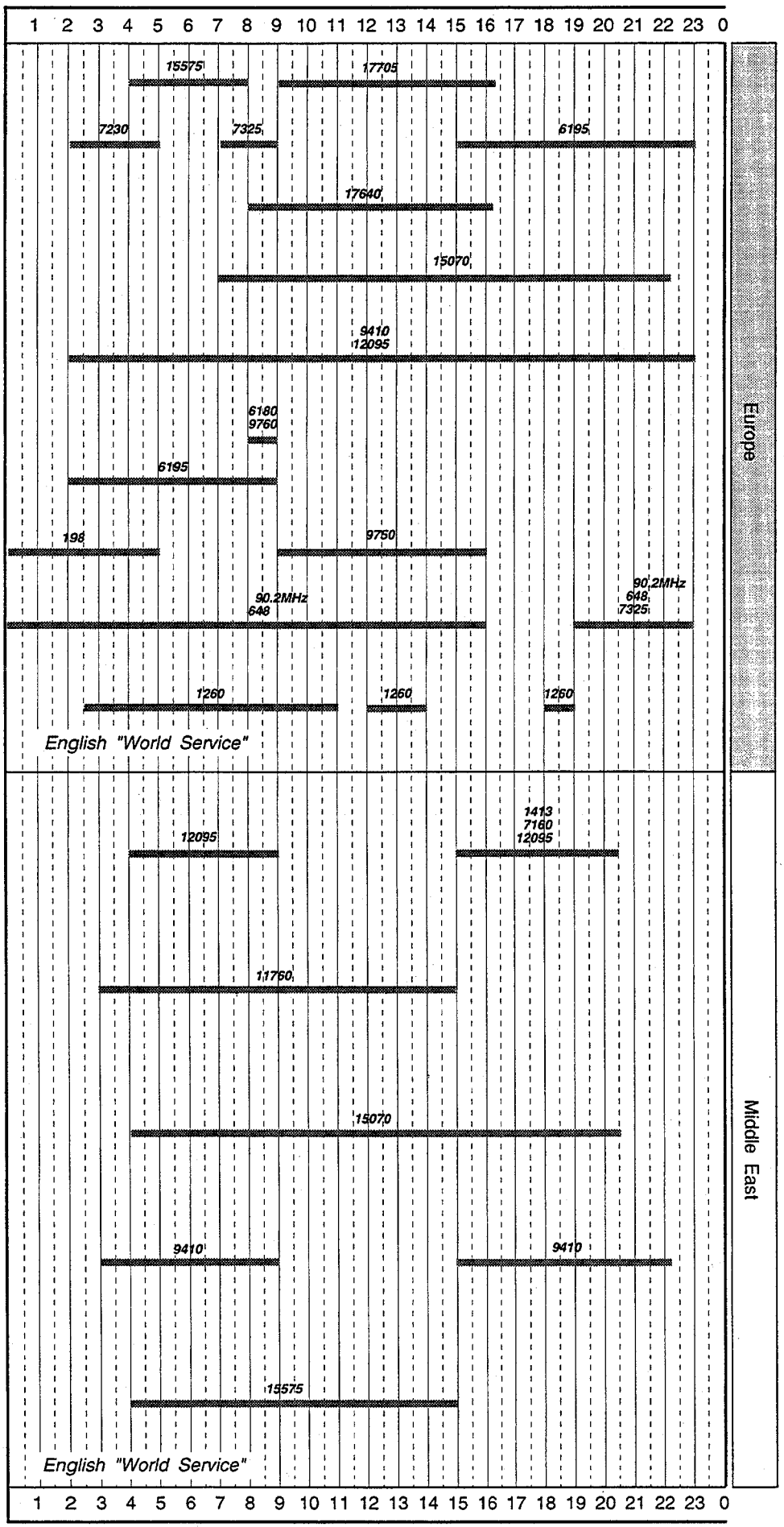
UTC(GMT)

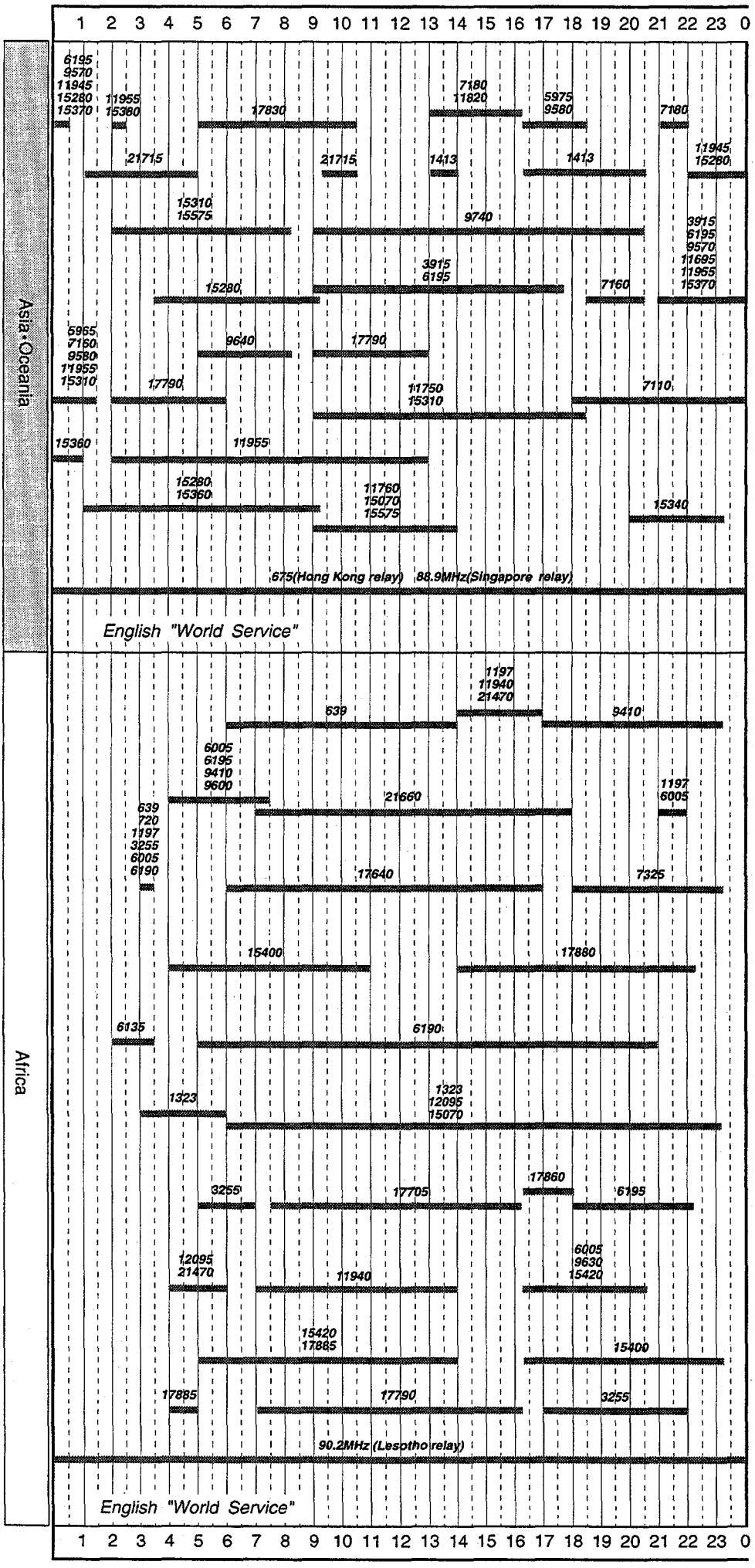


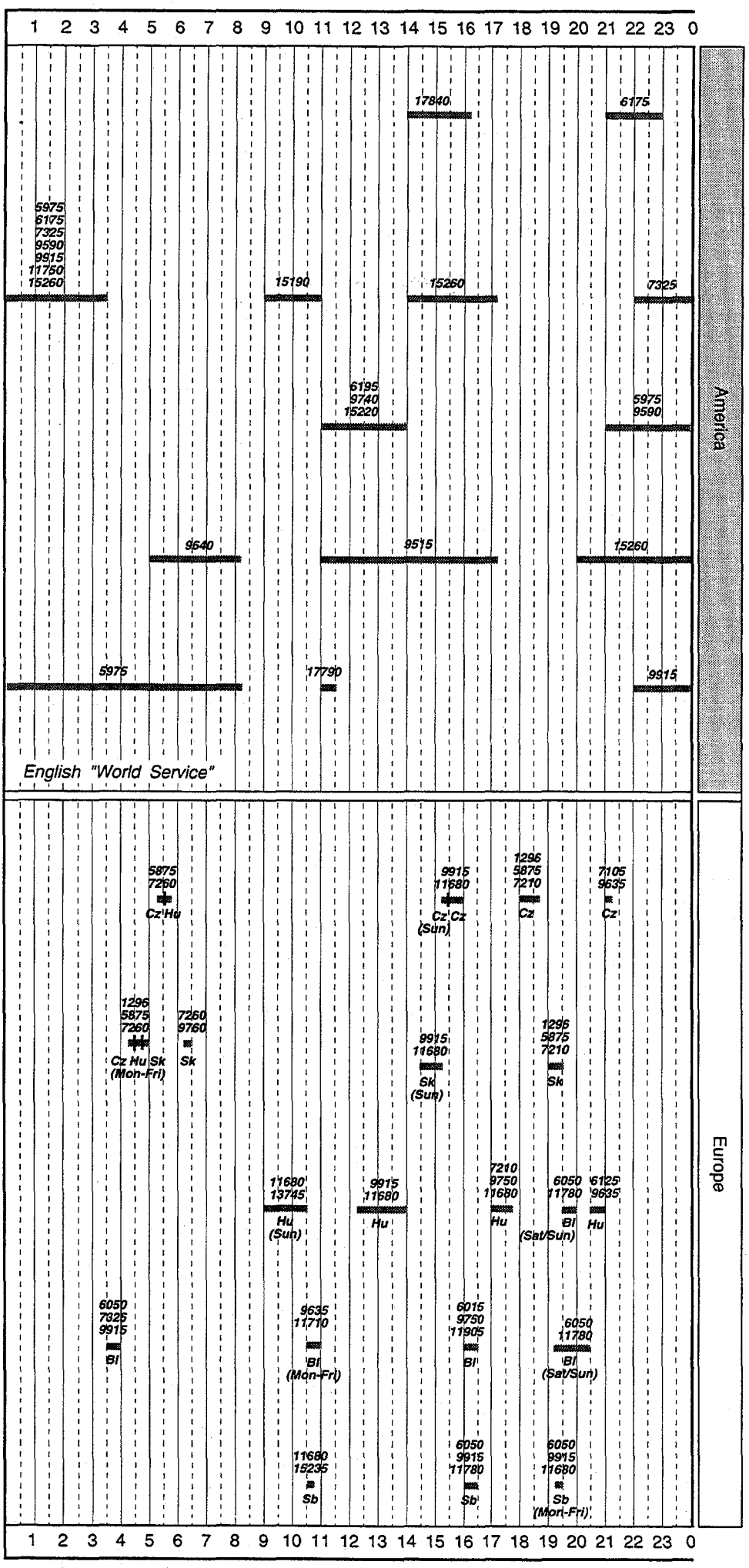
UNITED KINGDOM

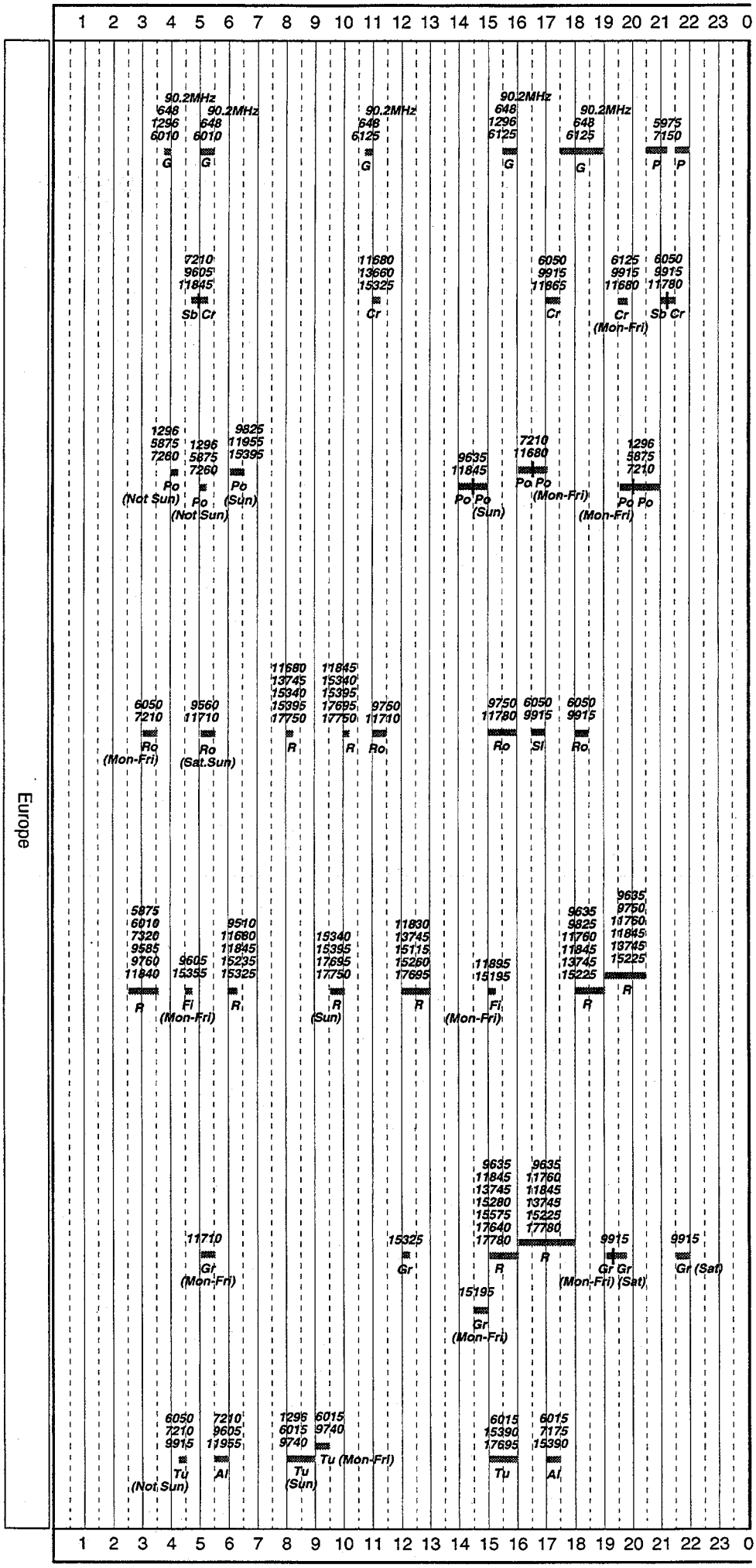
- British Broadcasting Corporation (BBC)
- *"This is London Calling"*

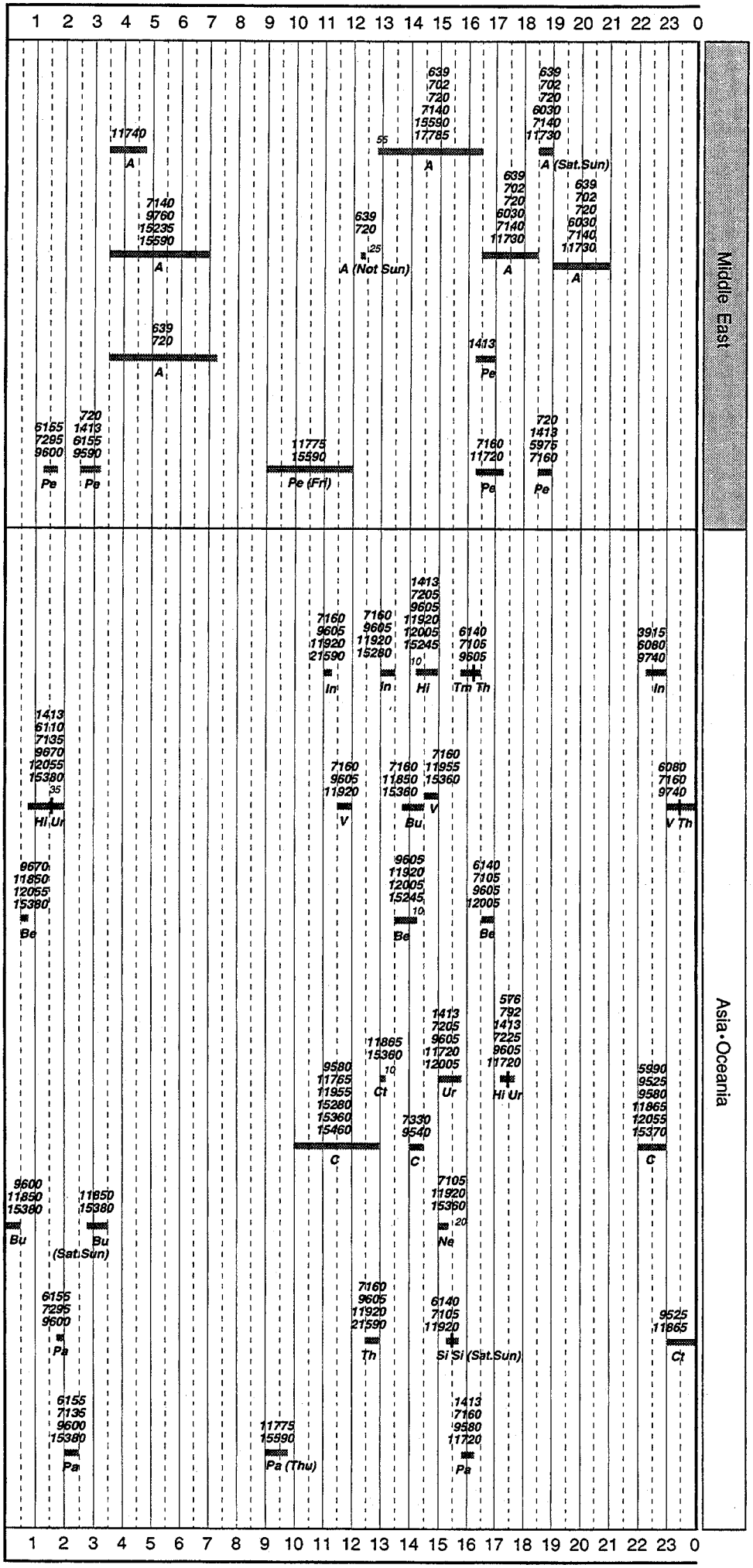
UTC(GMT)

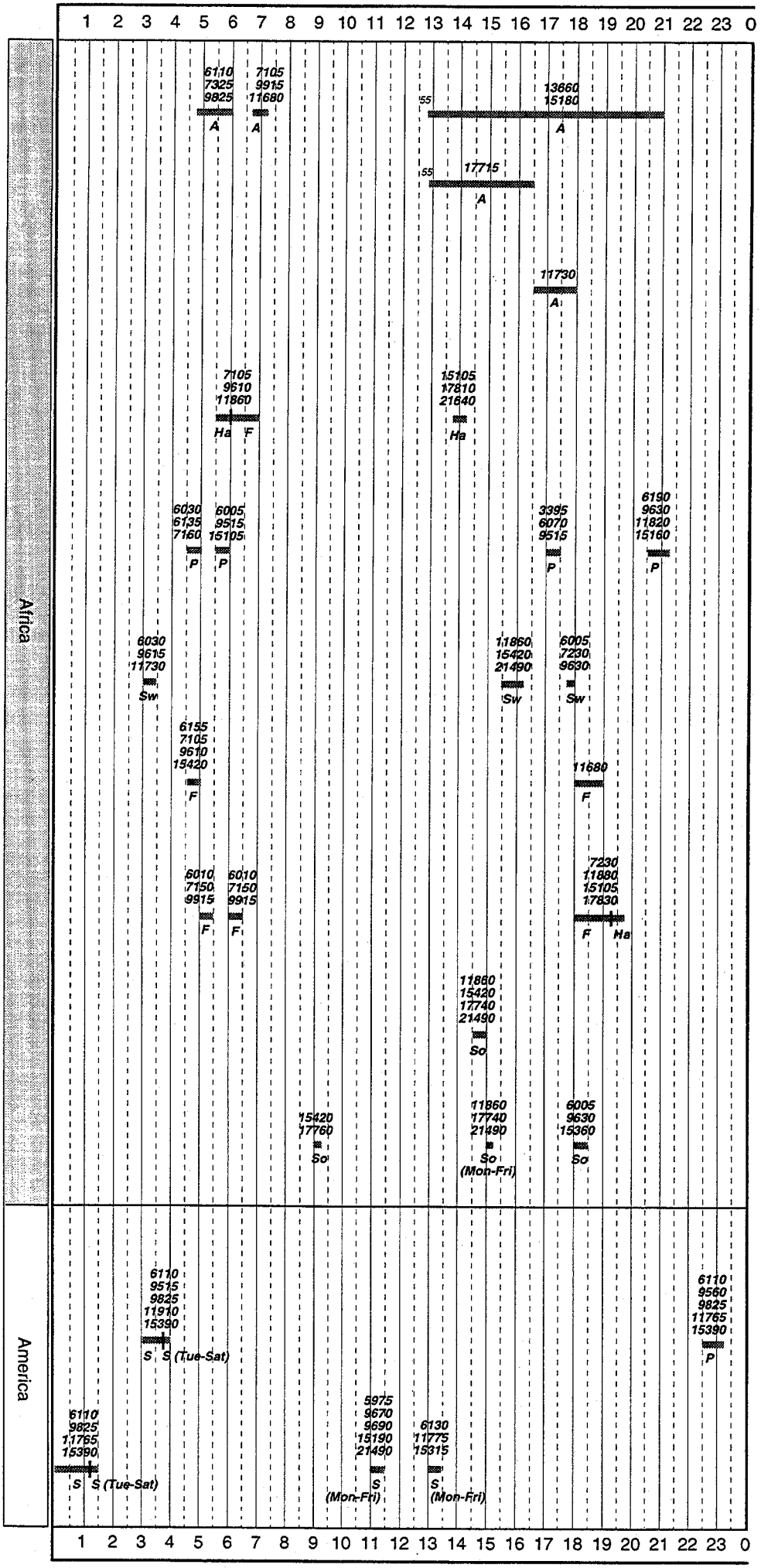



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
Asia Oceania
6195 9570 11945 15280 15370
11955 15360
17830
7180 11820
5975 9580
7180
21715
21715
1413
1413
11945 15280
15310 15575
9740
3915 6195 9570 11695 11955 15370
3915 6195
15280
7160
5965 7150 9580 11955 15310
9640
17790
17790
11750 15310
7110
15360
11955
15280 15360
11760 15070 15575
15340
675(Hong Kong relay) 88.9MHz(Singapore relay)
English "World Service"
Africa
1197 11940 21470
639
9410
6005 6195 9410 9600
21660
1197 6005
639 720 1197 3255 6005 6190
17640
7325
15400
17880
6135
6190
1323
1323 12095 15070
17860
3255
17705
6195
6005 9630 15420
12095 21470
11940
15420 17885
15400
17885
17790
3255
90.2MHz (Lesotho relay)
English "World Service"
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
17840
6175
5975
6175
7325
9590
9915
11750
15260
15190
15260
7325
6195
9740
15220
5975
9590
9640
9515
15260
5975
17790
9915
English "World Service"
America
5875
7260
Cz Hu
9915
11680
Cz Cz
(Sun)
1296
5875
7210
Cz
7105
9635
Cz
1296
5875
7260
Cz Hu Sk
(Mon-Fri)
7260
9760
Sk
9915
11680
Sk
(Sun)
1296
5875
7210
Sk
7210
9750
11680
11680
13745
Hu
(Sun)
9915
11680
Hu
Hu
6050
11780
Bl
(Sat/Sun)
6125
9635
Hu
6050
7325
9915
Bl
9635
11710
Bl
(Mon-Fri)
6015
9750
11905
Bl
6050
11780
Bl
(Sat/Sun)
11680
15235
Sb
6050
9915
11780
Sb
6050
9915
11680
Sb
(Mon-Fri)
Europe
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
Europe
90.2MHz 648 1296 6010 G
90.2MHz 648 6010 G
90.2MHz 648 6125 G
90.2MHz 648 1296 6125 G
90.2MHz 648 6125 G
5975 7150 P P
7210 9605 11845 Sb Cr
11680 13660 15325 Cr
6050 9915 11865 Cr
6125 9915 11680 Cr (Mon-Fri)
6050 9915 11780 Sb Cr
1296 5875 7260 Po (Not Sun)
1296 5875 7260 Po (Not Sun)
9825 11955 15395 Po (Sun)
9635 11845 Po Po (Sun)
7210 11680 Po Po (Mon-Fri)
1296 5875 7210 Po Po (Mon-Fri)
11680 13745 15340 15395 17750 R
11845 15340 15395 17695 17750 R
6050 7210 Ro (Mon-Fri)
9560 11710 Ro (Sat.Sun)
9760 11710 Ro
9750 11780 Ro
6050 9915 Sl
6050 9915 Ro
5875 6010 7320 9585 9760 11840 R
9510 11680 11845 15235 15325 Fi (Mon-Fri) R
15340 15395 17695 17750 R (Sun)
11830 13745 15115 15260 17695 R
11895 15195 Fi (Mon-Fri)
9635 9825 11760 11845 13745 15225 R
9635 9750 11760 11845 13745 15225 R
11710 Gr (Mon-Fri)
15325 Gr
9635 11845 13745 15280 15575 17640 17780 15195 Gr (Mon-Fri)
9635 11760 11845 13745 15225 17780 R
9915 R
9915 Gr Gr (Mon-Fri) (Sat)
9915 Gr (Sat)
6050 7210 9915 Tu (Not Sun)
7210 9605 11955 Al
1296 6015 9740 Tu (Sun)
6015 9740 Tu (Mon-Fri)
6015 15390 17695 Tu
6015 7175 15390 Al

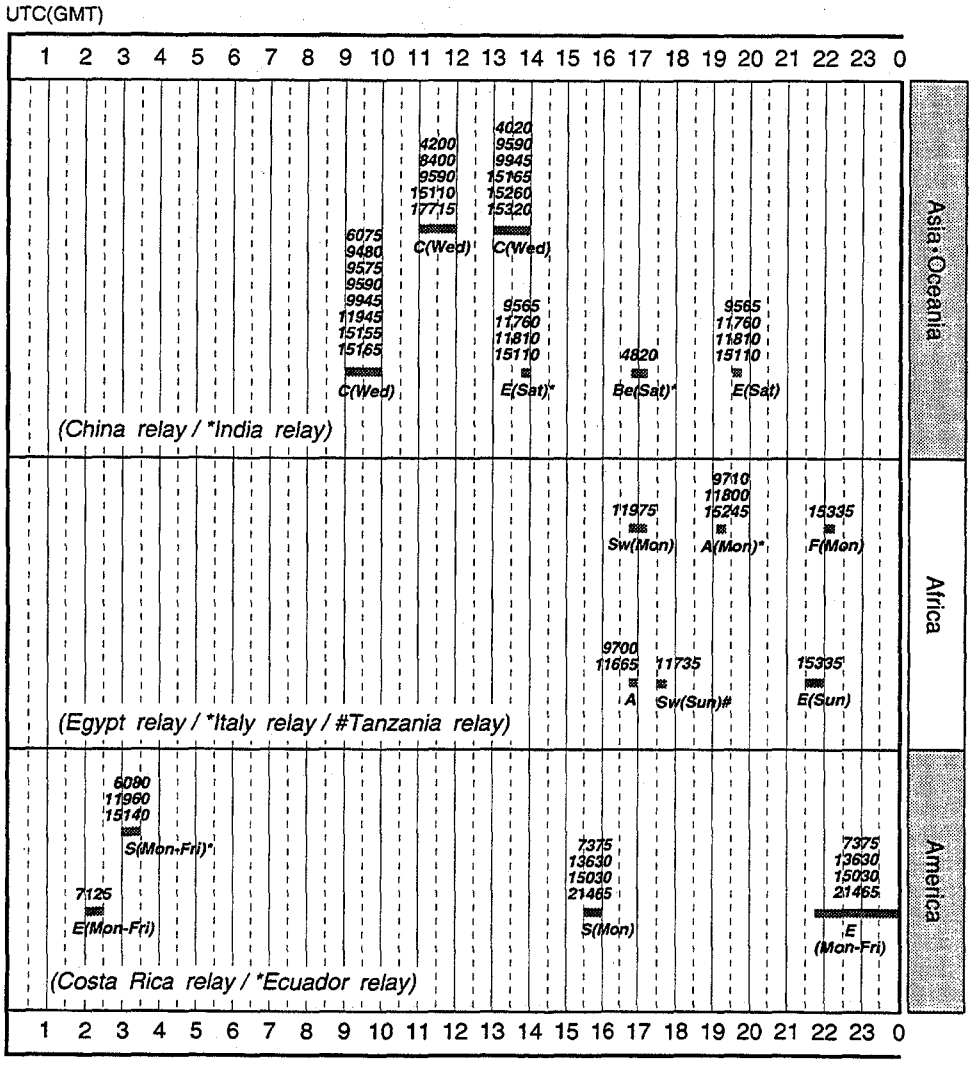

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
Middle East
11740
A
639
702
720
7140
15590
17785
55
A
639
702
720
6030
7140
11730
A (Sat.Sun)
639
702
720
6030
7140
11730
A
7140
9760
15235
15590
A
639
720
25
A (Not Sun)
639
702
720
6030
7140
11730
A
639
702
720
6030
7140
11730
A
639
720
A
1413
Pe
6165
7295
9600
Pe
720
1413
6155
9590
Pe
11775
15590
Pe (Fri)
7160
11720
Pe
720
1413
5975
7160
Pe
Asia•Oceania
1413
7205
9605
11920
12005
15245
10
In
7160
9605
11920
21590
7160
9605
11920
15280
In
6140
7105
9605
Tm Th
3915
6080
9740
In
1413
6110
7135
9670
12055
15380
35
Hl Ur
7160
9605
11920
V
7160
11850
15360
Bu
7160
11955
15360
V
6080
7160
9740
V Th
9670
11850
12055
15380
Be
9605
11920
12005
15245
10
Be
6140
7105
9605
12005
Be
576
792
1413
7225
9605
11720
Hi Ur
1413
7205
9605
11720
12005
Ur
11865
15360
9580
11765
11955
15280
15360
15460
10
Ct
7330
9540
C
C
5990
9525
9580
11865
12055
15370
C
9600
11850
15380
Bu
11850
15380
Bu
(Sat.Sun)
7105
11920
15360
20
Ne
6155
7295
9600
Pa
7160
9605
11920
21590
Th
6140
7105
11920
Si Si (Sat.Sun)
9525
11865
Ct
6155
7135
9600
15380
Pa
11775
15590
Pa (Thu)
1413
7160
9580
11720
Pa
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
Africa
America
6110 7325 9825 A
7105 9915 11680 A
55 13660 15180 A
55 17715 A
11730 A
7105 9610 11860 Ha F
15105 17810 21640 Ha
6030 6135 7160 P
6005 9515 15105 P
3395 6070 9515 P
6190 9630 11820 15160 P
6030 9615 11730 Sw
11860 15420 21490 Sw
6005 7230 9630 Sw
6155 7105 9610 15420 F
11680 F
6010 7150 9915 F
6010 7150 9915 F
7230 11880 15105 17830 F Ha
11860 15420 17740 21490 So
15420 17760 So
11860 17740 21490 So (Mon-Fri)
6005 9630 15360 So
6110 9515 9825 11910 15390 S S (Tue-Sat)
6110 9560 9825 11765 15390 P
6110 9825 11765 15390 S S (Tue-Sat)
5975 9670 9690 15190 21490 S (Mon-Fri)
6130 11775 15315 S (Mon-Fri)

UNITED NATIONS

●United Nations Radio

●*"This is the United Nations in New York"*

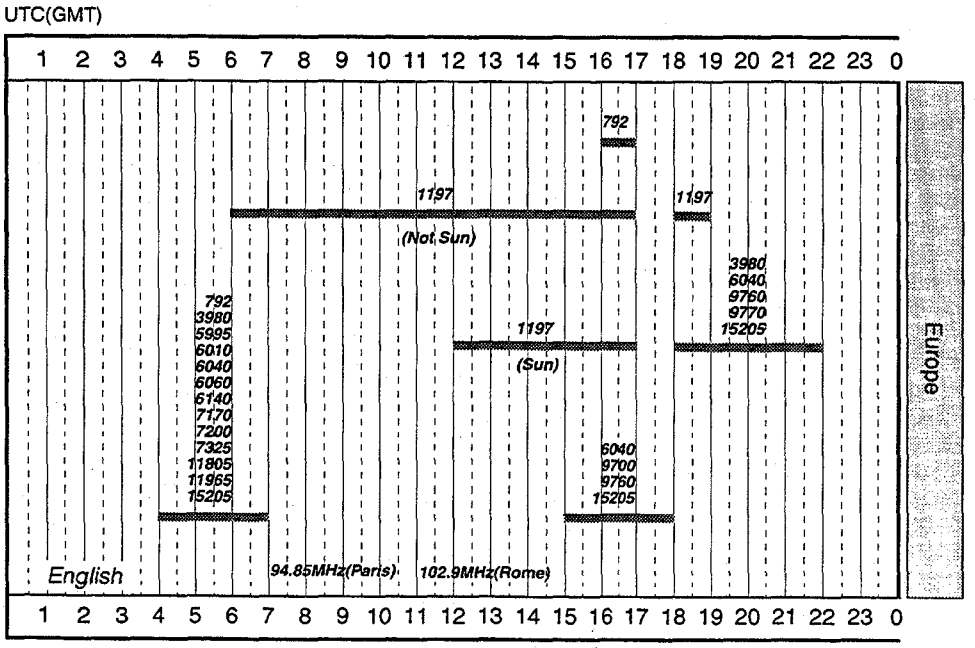


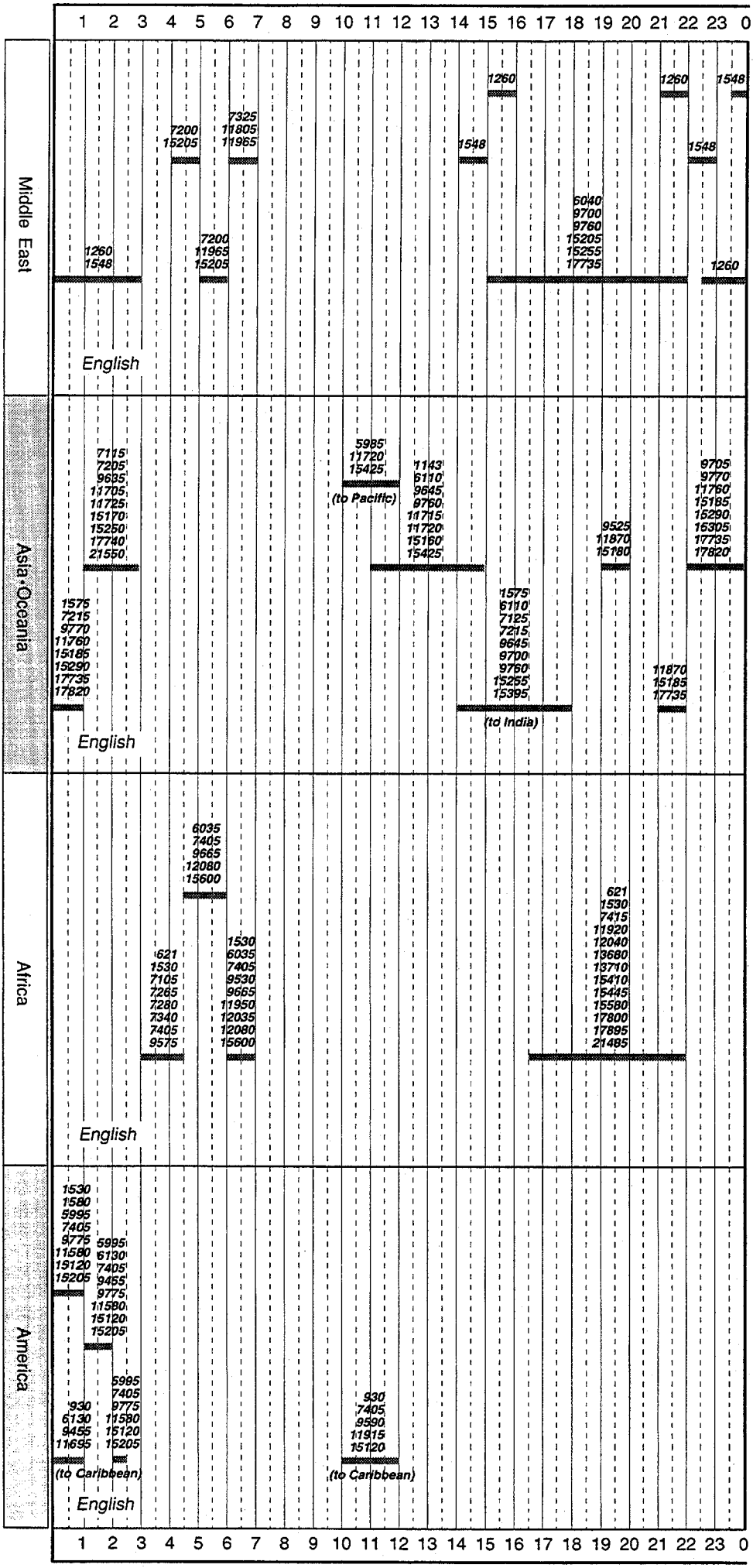
UNITED STATES OF AMERICA (USA)

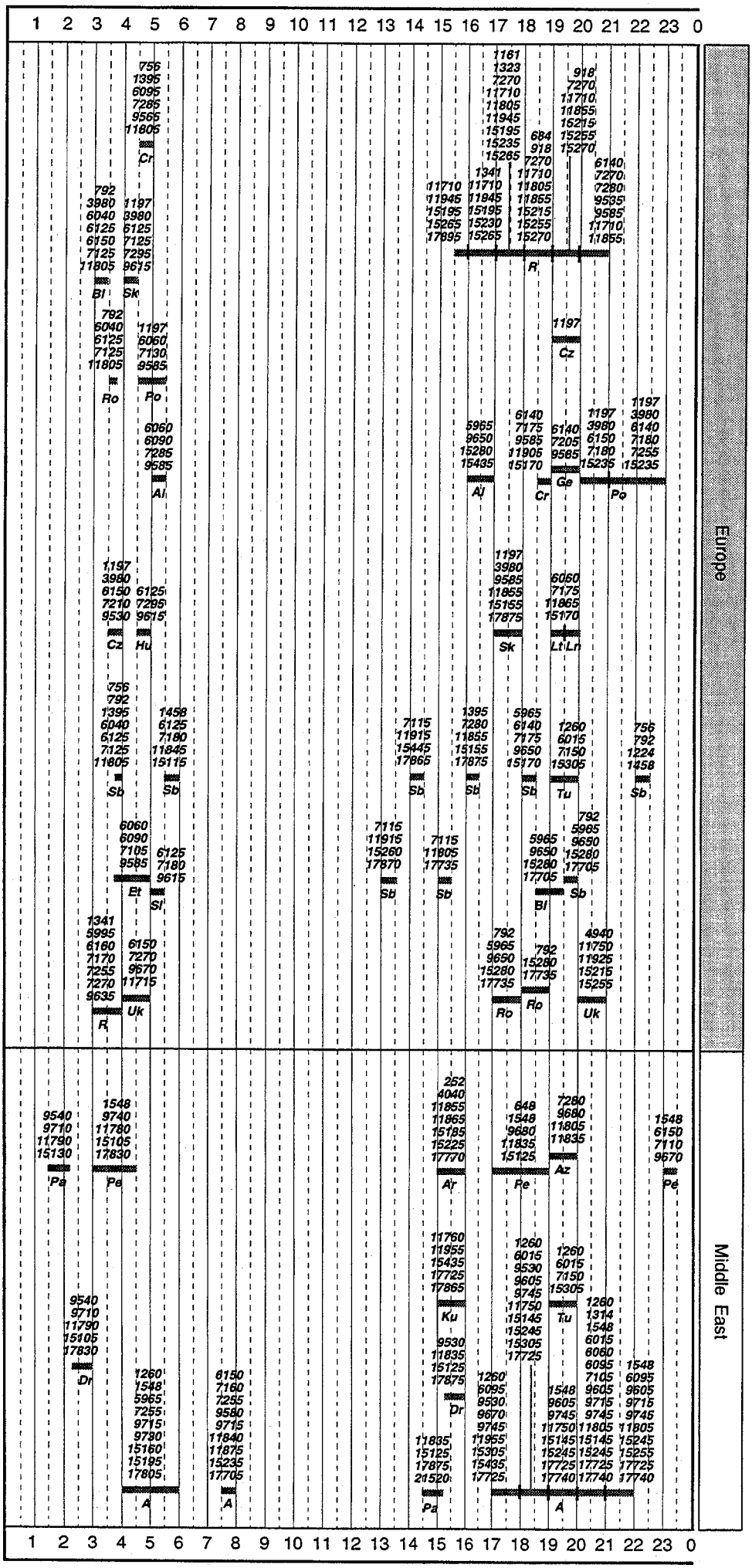
●Voice of America (VOA)

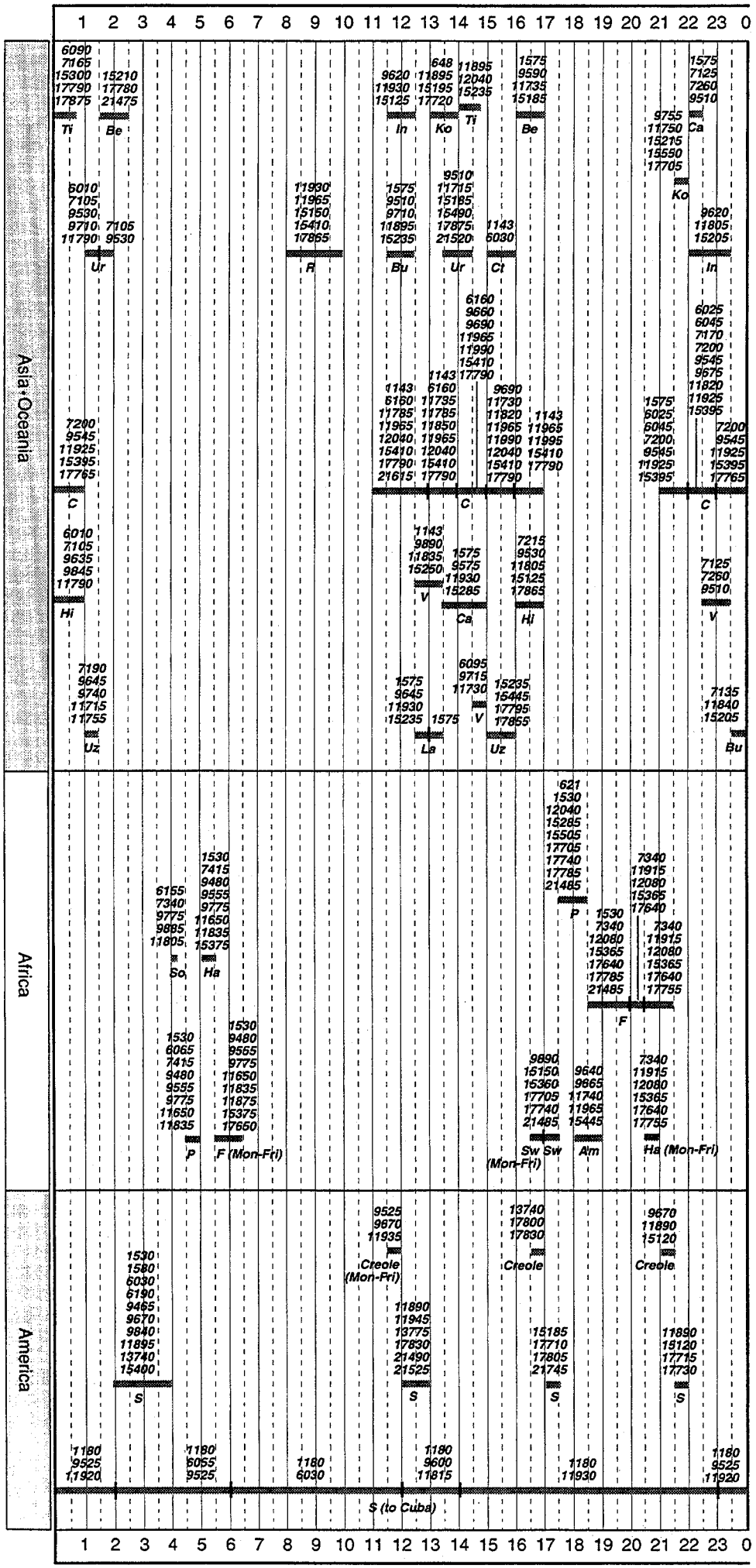
●*"This is the Voice of America"*

"Summer Time" seasons for European Services are one hour earlier.



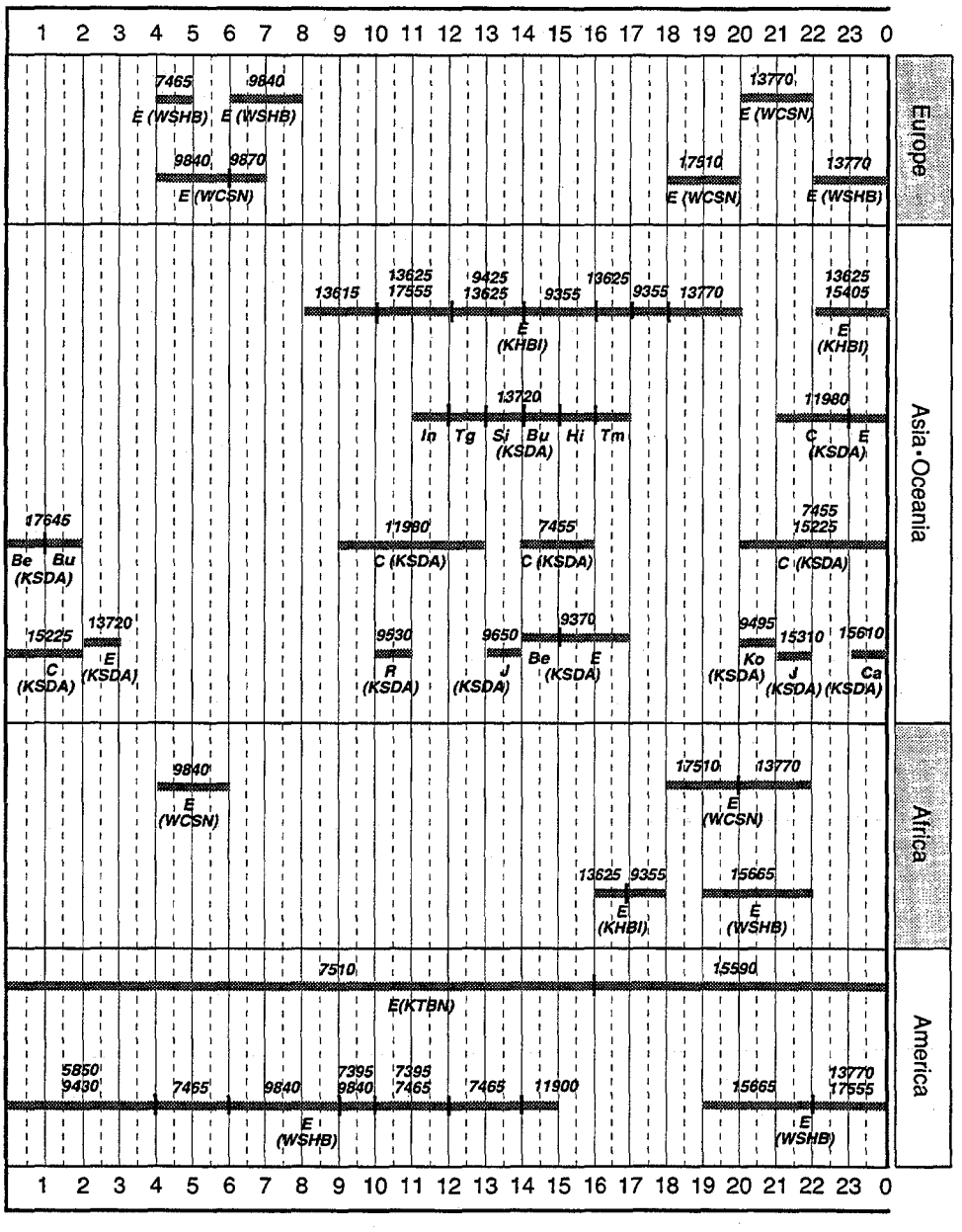

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
Middle East
1260
1548
7200
15205
7325
11805
11965
7200
11965
15205
1548
1260
6040
9700
9760
15205
15255
17735
1260
1548
1260
English
Asia-Oceania
7115
7205
9635
11705
11725
15170
15250
17740
21550
5985
11720
15425
(to Pacific)
1143
6110
9645
9760
11715
11720
15160
15425
9525
11870
15180
9705
9770
11760
15185
15290
15305
17735
17820
1575
7215
9770
11760
15185
15290
17735
17820
1575
6110
7125
7215
9645
9700
9760
15255
15395
(to India)
11870
15185
17735
English
Africa
6035
7405
9665
12080
15600
621
1530
7105
7265
7280
7340
7405
9575
1530
6035
7405
9530
9665
11950
12035
12080
15600
621
1530
7415
11920
12040
13680
13710
15410
15445
15580
17800
17895
21485
English
America
1530
1580
5995
7405
9775
11580
15120
15205
5995
6130
7405
9455
9775
11580
15120
15205
5985
7405
9775
11580
15120
15205
930
6130
9455
11695
(to Caribbean)
930
7405
9590
11915
15120
(to Caribbean)
English
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
Europe
Middle East
Cr
Bl Sk
Ro Po
Al
Cz Hu
Sb Sb
Et Sl
R Uk
R
Cz
Ge
Al Cr Po
Sk Lt Ln
Sb Sb Sb Sb Tu Sb
Sb Sb Sb
Bl
Ro Ro Uk
Pa Pe
Ar Re Az Pe
Ku Tu
Dr
Pa A A A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
Asia-Oceania
Africa
America
Ti
Be
In
Ko
Ti
Be
Ca
Ko
Ur
R
Bu
Ur
Ct
In
C
C
C
Hi
Ca
Hi
V
Uz
La
Uz
Bu
P
F (Mon-Fri)
So
Ha
P
F
Sw Sw (Mon-Fri)
Am
Ha (Mon-Fri)
Creole (Mon-Fri)
Creole
Creole
S
S
S
S
S (to Cuba)

●KHBI ●WCSN ●WSHB ●KSDA ●KTBN

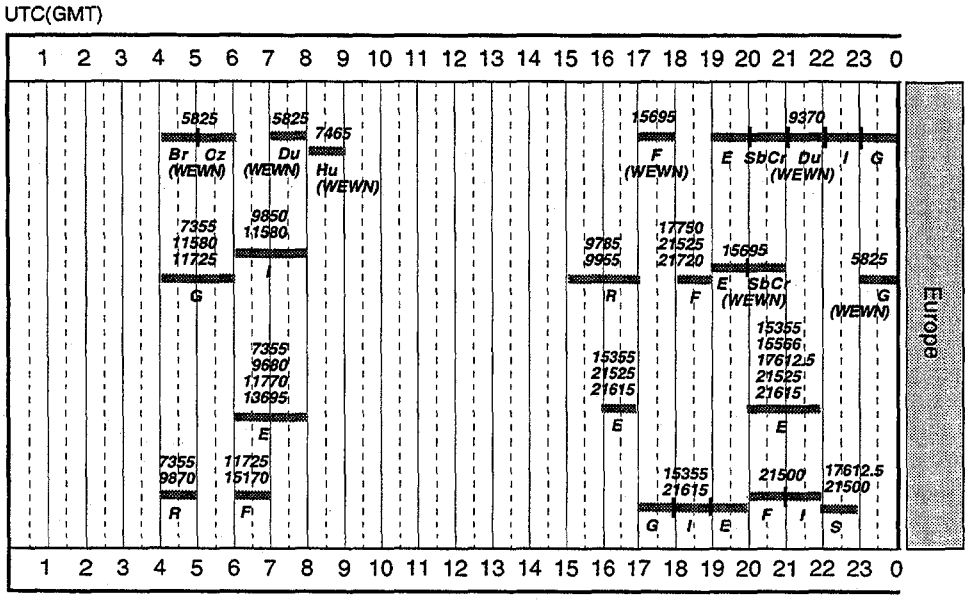
UTC(GMT)

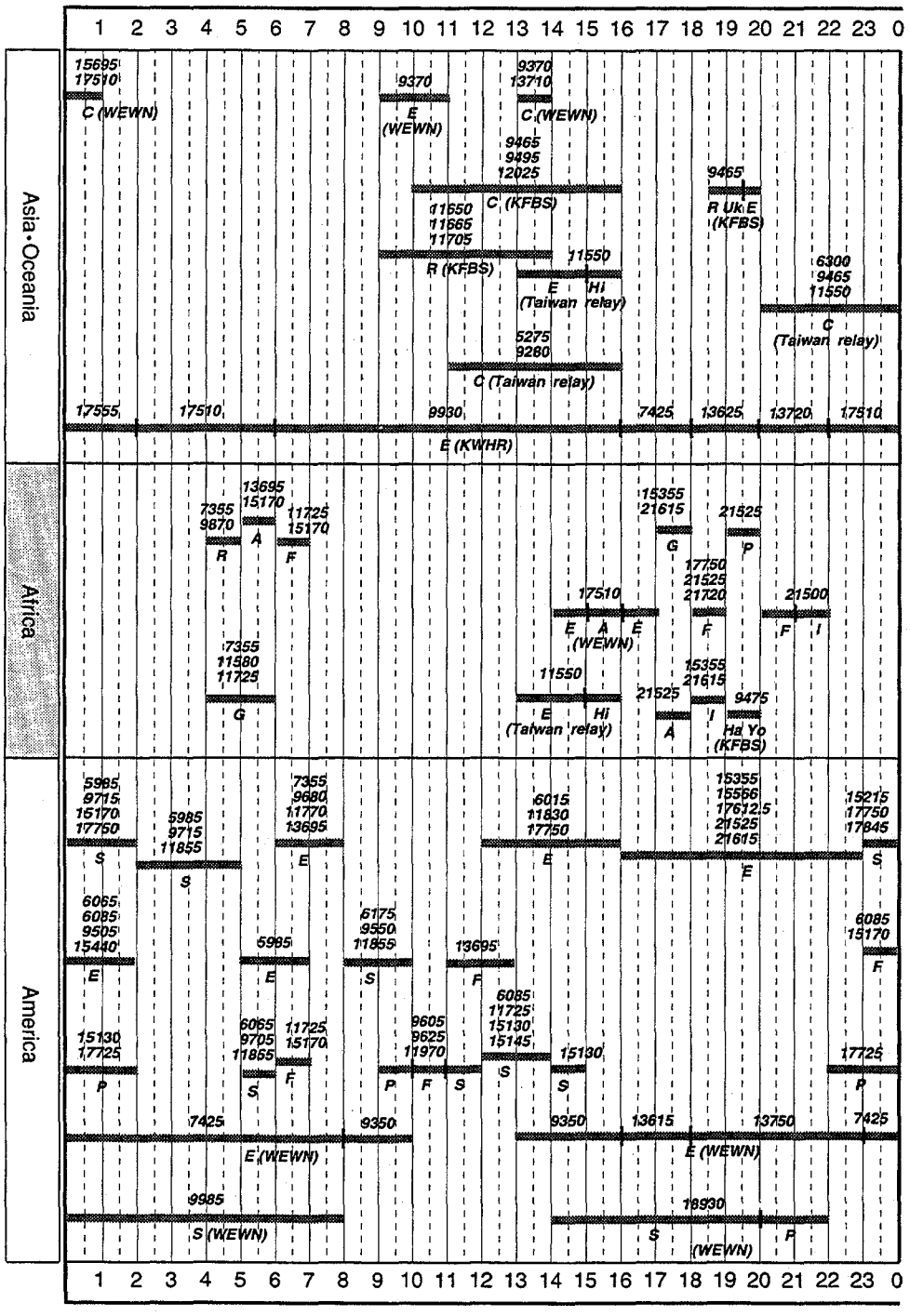


●Family Stations (WYFR) ●KFBS ●KWHR ●WEWN

●*"This is your Family Radio"*

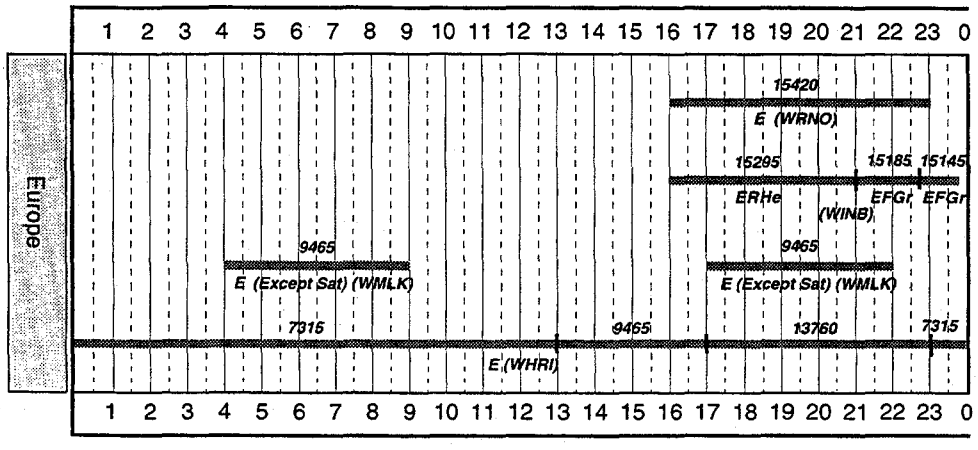
UTC(GMT)

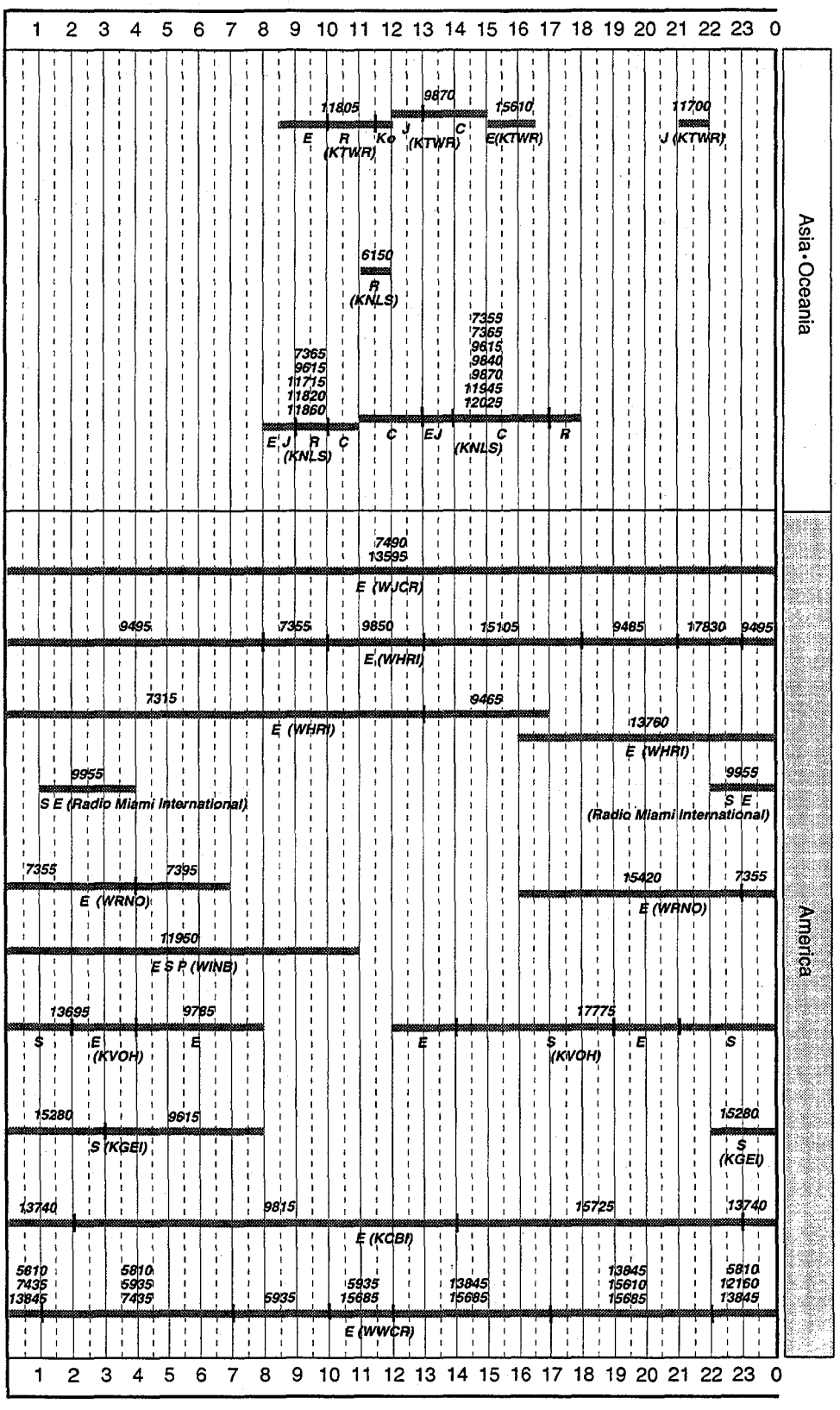




●KCBI ●Trans World Radio (KTWR) ●WHRI ●WMLK
●KGEI ●KVOH ●WINB ●WRNO
●KNLS ●Radio Miami International (WRMI) ●WJCR ●WWCR

UTC(GMT)

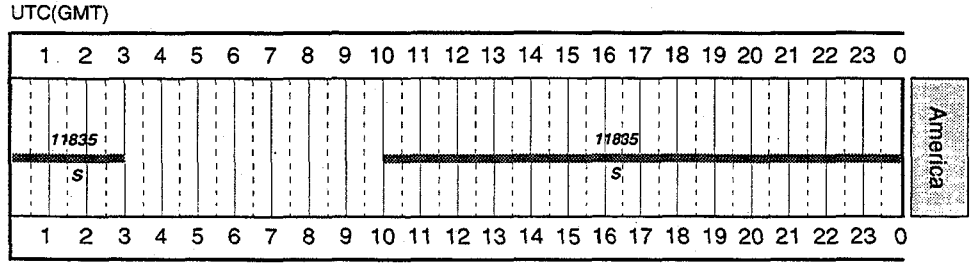




URUGUAY

●Radio El Espectador

UTC(GMT)

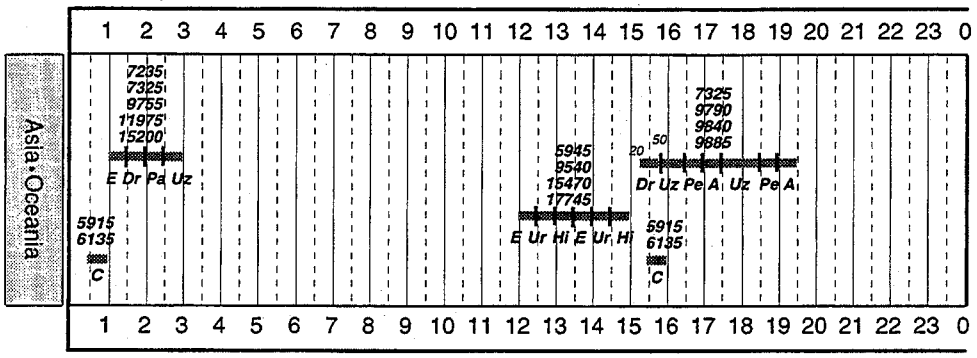


UZBEKISTAN

●Radio Tashkent

●*"This is Radio Tashkent"*

UTC(GMT)



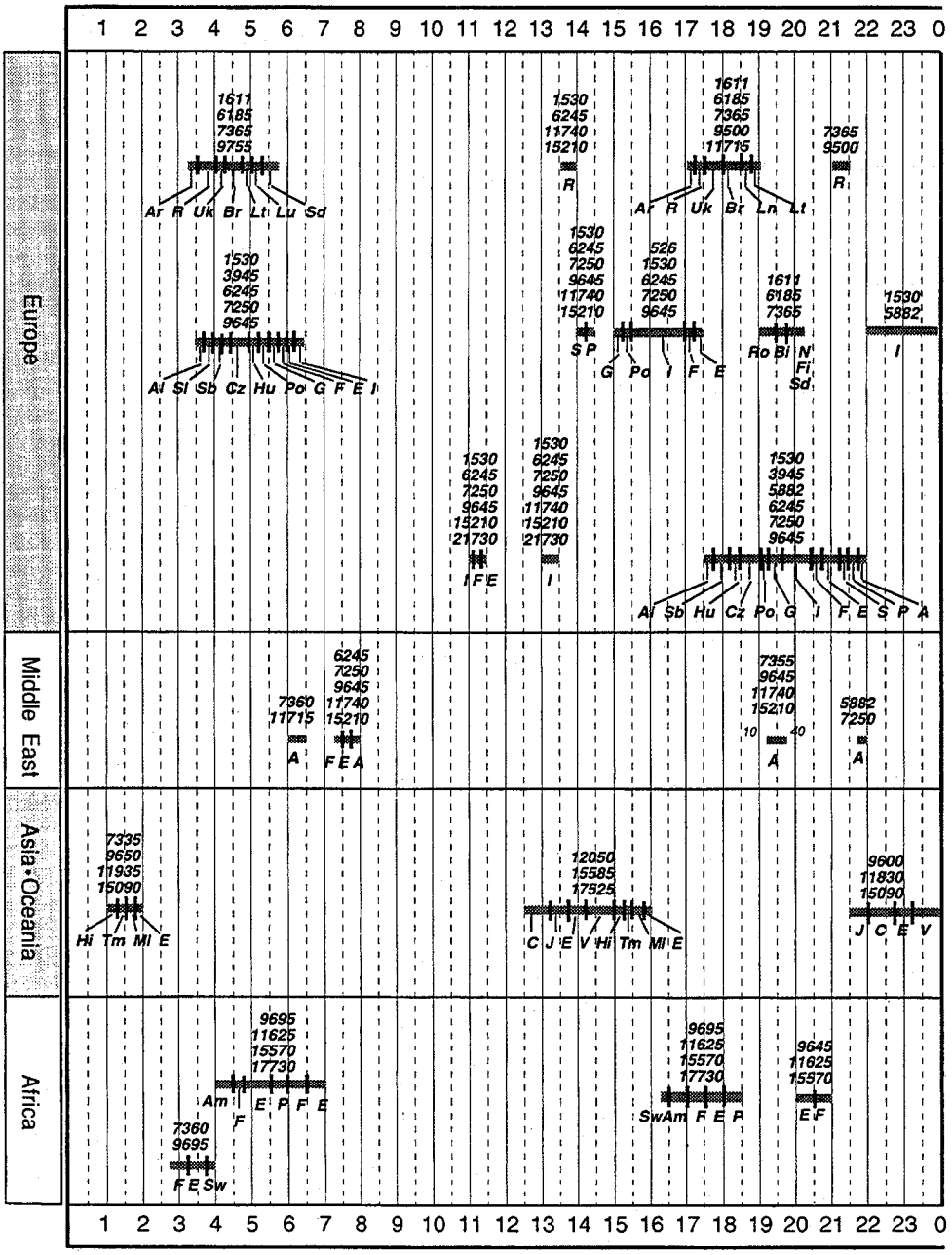
VATICAN

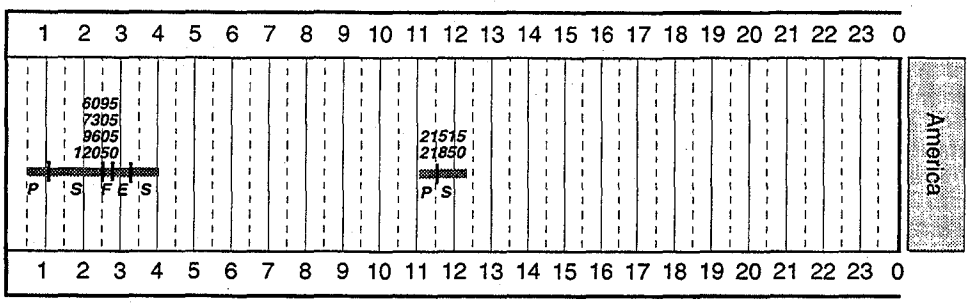
●Vatican Radio

●*"This is Vatican Radio"*

"Summer Time" seasons for European & Middle East Services are one hour earlier.

UTC(GMT)



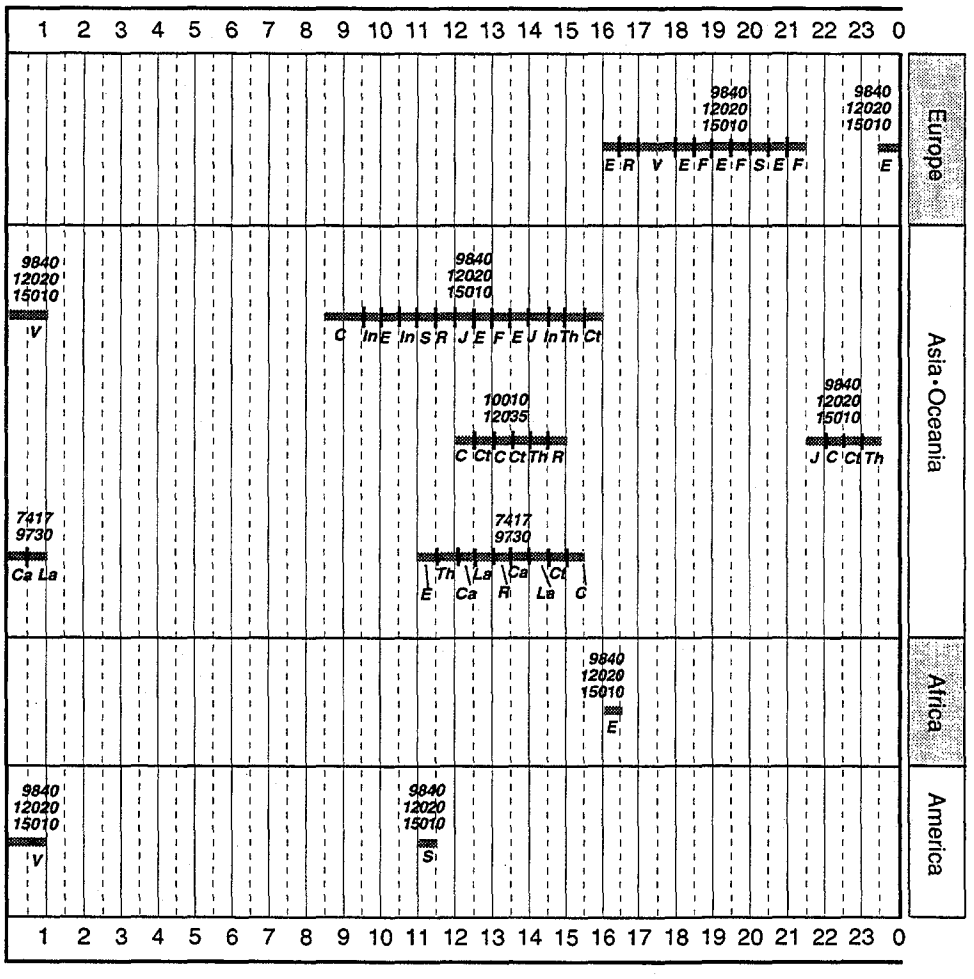


VIETNAM

●Voice of Vietnam

●*"This is the Voice of Vietnam broadcasting from Hanoi"*

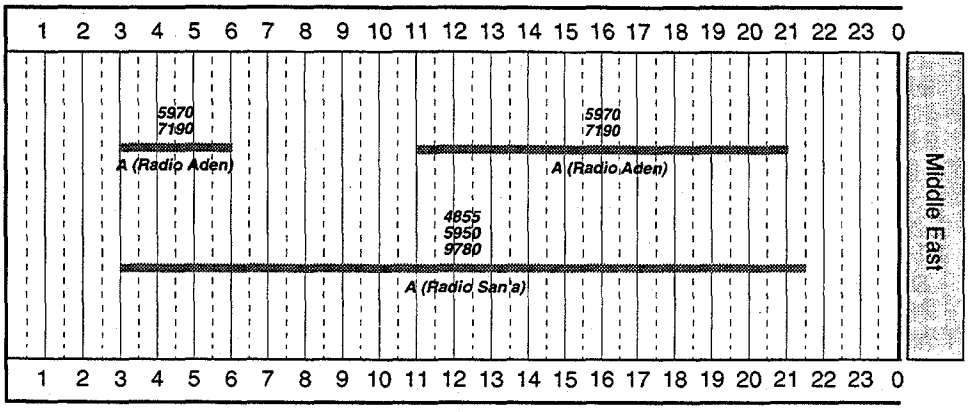
UTC(GMT)



YEMEN

●Radio Aden ●Radio San'a

UTC(GMT)

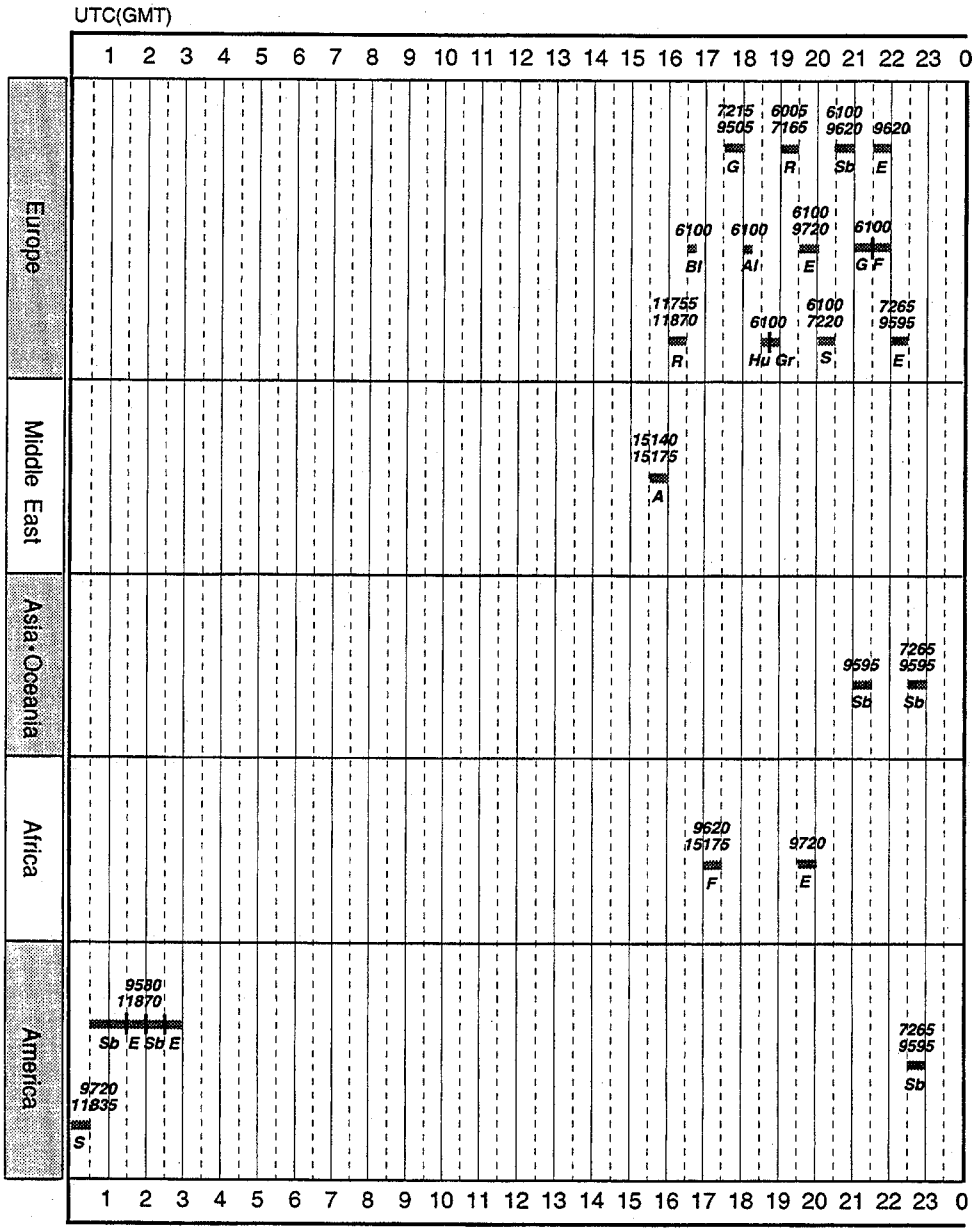


YUGOSLAVIA

●Radio Yugoslavia

●*"This is Radio Yugoslavia, Belgrade calling"*

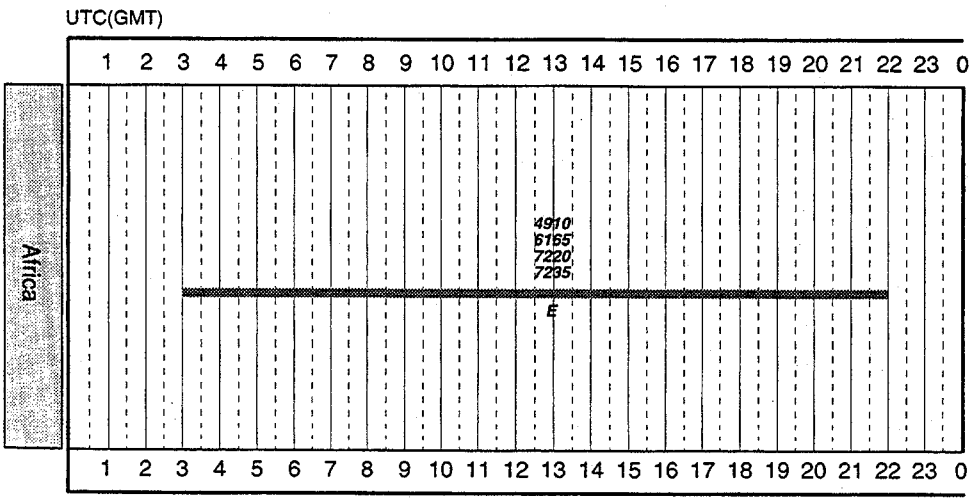
"Summer Time" seasons are one hour earlier.



ZAMBIA

●Radio Zambia International

●*"This is Radio Zambia International"*



COUNTRIES INDEXED BY FREQUENCIES

Locating the major radio broadcasting stations operating throughout the world is very simple by using this Wave Handbook. Their frequencies which are listed herein are arranged in ascending numerical order for easy reference.

The page numbers indicate where the data containing the information on frequencies can be found.

To confirm the country, station, broadcasting hours, target area, and broadcast language, etc., just turn to the page containing the data.

Various factors such as atmospheric conditions may hamper shortwave reception of frequencies listed in this Handbook. Moreover, frequencies may be changed by broadcasting stations in accordance with the seasons or other reasons, in which case, accurate updated information may be obtained by contacting the stations concerned.

FREQUENCY (in kHz)	PAGE	COUNTRY
153	20	ALGERIA

153	20	ALGERIA
189	40	GEORGIA
198	20	ALGERIA
	91-96	UNITED KINGDOM
216	63	MONACO
234	62	LUXEMBOURG
252	20	ALGERIA
	38	FINLAND
	86	TAJIKISTAN
	97-103	USA
526	104-105	VATICAN
531	20	ALGERIA
549	20	ALGERIA
558	38	FINLAND
576	20	ALGERIA
	91-96	UNITED KINGDOM
585	71-77	RUSSIA
	84-86	TAIWAN
594	49	INDIA
	50-51	IRAN
621	36-37	EGYPT
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	61	LIBYA
	97-103	USA
630	51	IRAQ
	70-71	ROMANIA
	71-77	RUSSIA
639	50-51	IRAN
	91-96	UNITED KINGDOM
648	61	LIBYA
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
660	41-45	GERMANY
666	61-62	LITHUANIA
675	52	ISRAEL
	61	LIBYA
684	97-103	USA
693	41-45	GERMANY
702	49	INDIA
	50-51	IRAN
	63	MONACO
	86	TAJIKISTAN
	91-96	UNITED KINGDOM
711	61	LIBYA
720	41-45	GERMANY
	50-51	IRAN
	71-77	RUSSIA
	91-96	UNITED KINGDOM
738	39-40	FRANCE
	41-45	GERMANY
	52	ISRAEL
756	41-45	GERMANY
	70-71	ROMANIA
	97-103	USA
765	50-51	IRAN
774	36-37	EGYPT
783	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	84	SYRIAN ARAB REPUBLIC
792	91-96	UNITED KINGDOM
	97-103	USA
801	71-77	RUSSIA
819	36-37	EGYPT
	41-45	GERMANY
	68	POLAND
846	53-54	ITALY
864	22	ARMENIA
873	41-45	GERMANY
891	20	ALGERIA
	58-59	KOREAN REPUBLIC
900	53-54	ITALY
	56	KAZAKHSTAN
918	41-45	GERMANY
	97-103	USA
930	41-45	GERMANY
	97-103	USA
936	89	UKRAINE
945	39-40	FRANCE
963	38	FINLAND
981	20	ALGERIA

1008	36-37	EGYPT
1017	30-32	CHINA
1026	50-51	IRAN
	52	ISRAEL
1030	60	LAOS
1044	30-32	CHINA
	40	GEORGIA
	71-77	RUSSIA
1053	61	LIBYA
1071	41-45	GERMANY
	49	INDIA
1080	30-32	CHINA
	41-45	GERMANY
	71-77	RUSSIA
1089	71-77	RUSSIA
1098	50-51	IRAN
1107	36-37	EGYPT
1116	30-32	CHINA
1125	61	LIBYA
	71-77	RUSSIA
1134	49	INDIA
1143	86	TAJIKISTAN
	97-103	USA
1161	97-103	USA
1170	25	BELARUS
	30-32	CHINA
	58-59	KOREAN REPUBLIC
	71-77	RUSSIA
1179	82	SWEDEN
1180	97-103	USA
1188	30-32	CHINA
	41-45	GERMANY
1197	51	IRAQ
	91-96	UNITED KINGDOM
	97-103	USA
1206	30-32	CHINA
	41-45	GERMANY
1215	19-20	ALBANIA
	71-77	RUSSIA
1224	27	BULGARIA
	50-51	IRAN
	97-103	USA
1233	39-40	FRANCE
	49	INDIA
	63	MONACO
1251	61	LIBYA
1260	91-96	UNITED KINGDOM
	97-103	USA
1269	30-32	CHINA
	71-77	RUSSIA
1278	39-40	FRANCE
	41-45	GERMANY
1287	41-45	GERMANY
1296	24	AZERBAIJAN
	30-32	CHINA
	39-40	FRANCE
	71-77	RUSSIA
	91-96	UNITED KINGDOM
1305	41-45	GERMANY
	68	POLAND
1314	30-32	CHINA
	71-77	RUSSIA
	97-103	USA
1323	30-32	CHINA
	50-51	IRAN
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
1325	71-77	RUSSIA
1341	30-32	CHINA
	41-45	GERMANY
	97-103	USA
1360	27	CAMBODIA
1386	71-77	RUSSIA
1395	19-20	ALBANIA
	22	ARMENIA
	97-103	USA
1404	50-51	IRAN
1413	91-96	UNITED KINGDOM
1422	50-51	IRAN
1440	39-40	FRANCE
1449	61	LIBYA
1458	19-20	ALBANIA
	97-103	USA
1467	63	MONACO
1476	41-45	GERMANY
	62	MALAYSIA
	71-77	RUSSIA
1485	41-45	GERMANY
1494	71-77	RUSSIA
1503	68	POLAND
1521	30-32	CHINA
1530	41-45	GERMANY
	97-103	USA
	104-105	VATICAN
1539	41-45	GERMANY
1548	41-45	GERMANY
	71-77	RUSSIA
	97-103	USA
1557	41-45	GERMANY
	61-62	LITHUANIA
	63	MALTA
1575	87	THAILAND
	97-103	USA
1580	97-103	USA
1611	104-105	VATICAN
3220	80	SOUTH AFRICA
3250	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
3255	91-96	UNITED KINGDOM
3265	33	CONGO
3310	80	SOUTH AFRICA
3355	21	ANGOLA
3366	45	GHANA
3375	21	ANGOLA
3395	91-96	UNITED KINGDOM
3520	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
3915	91-96	UNITED KINGDOM
3925	54-56	JAPAN
	67	PAPUA NEWGUINEA
3940	37	ERITREA
3945	54-56	JAPAN
	104-105	VATICAN
3955	48-49	HUNGARY
	56	KAZAKHSTAN
3960	30-32	CHINA
	41-45	GERMANY
3965	39-40	FRANCE
3970	28	CAMEROON
	41-45	GERMANY
3980	97-103	USA
3985	83	SWITZERLAND
3990	41-45	GERMANY
3995	41-45	GERMANY
	53-54	ITALY
4000	28	CAMEROON
4010	57	KIRGHIZIA
4020	97	UNITED NATIONS
4040	22	ARMENIA
	97-103	USA
4050	57	KIRGHIZIA
4200	30-32	CHINA
	97	UNITED NATIONS
4520	71-77	RUSSIA
4610	51	IRAQ
	71-77	RUSSIA
4620	30-32	CHINA
4635	86	TAJIKISTAN
4725	64	MYANMAR
4750	28	CAMEROON
4765	33	CONGO
4775	19	AFGHANISTAN
4795	28	CAMEROON
4800	60	LESOTHO
4810	22	ARMENIA
4815	30-32	CHINA
4820	97	UNITED NATIONS
4825	88	TURKMENIA
	89	UKRAINE
4830	26	BOTSWANA
4835	46	GUATEMALA
	62	MALAYSIA
4855	105	YEMEN
4860	49	INDIA
4875	40	GEORGIA
4883	30-32	CHINA
4885	57	KENYA
4890	39-40	FRANCE
	67	PAPUA NEWGUINEA
4895	62	MALAYSIA
4900	47	GUINEAN REPUBLIC
4910	27	CAMBODIA
	106	ZAMBIA
4915	45	GHANA
	57	KENYA
4930	71-77	RUSSIA
4935	57	KENYA
4940	54	IVORY COAST
	71-77	RUSSIA
	97-103	USA
4945	80	SOUTH AFRICA
4950	62	MALAYSIA
4955	32	COLOMBIA
4960	21	ANGOLA
	30-32	CHINA
4970	62	MALAYSIA
4975	71-77	RUSSIA
4976	88	UGANDA
4990	22	ARMENIA
	49	INDIA
5000	37	ERITREA
5005	65	NEPAL
5010	28	CAMEROON
5015	88	TURKMENIA
5025	33	CROATIA
5027	88	UGANDA
5030	62	MALAYSIA
5035	56	KAZAKHSTAN
5040	40	GEORGIA
5050	86	TANZANIA
5055	33	COSTA RICA
5075	32	COLOMBIA
5095	32	COLOMBIA
5145	30-32	CHINA
5220	30-32	CHINA
5260	56	KAZAKHSTAN
5275	97-103	USA
5500	21	ANGOLA
5810	97-103	USA
5825	97-103	USA
5850	30-32	CHINA
	97-103	USA
5875	91-96	UNITED KINGDOM

5882	104-105	VATICAN
5885	63	MONACO
5900	52	ISRAEL
5905	27	BULGARIA
	83	SWITZERLAND
5910	25-26	BELGIUM
5915	39-40	FRANCE
	52	ISRAEL
	56	KAZAKHSTAN
	71-77	RUSSIA
	79	SLOVAKIA
	104	UZBEKISTAN
5920	27	BULGARIA
	33	CROATIA
	39-40	FRANCE
	71-77	RUSSIA
5925	37	ESTONIA
	39-40	FRANCE
5930	22	ARMENIA
	34	CZECH REPUBLIC
	79	SLOVAKIA
5935	60	LATVIA
	71-77	RUSSIA
	97-103	USA
5940	39-40	FRANCE
	71-77	RUSSIA
5945	24	AUSTRIA
	39-40	FRANCE
	104	UZBEKISTAN
5950	84-86	TAIWAN
	105	YEMEN
5955	41-45	GERMANY
	47-48	HOLLAND
	70-71	ROMANIA
	80	SOUTH AFRICA
5960	28-29	CANADA
	35	DENMARK
	41-45	GERMANY
	54-56	JAPAN
	56	KAZAKHSTAN
	65-66	NORWAY
5965	30-32	CHINA
	33-34	CUBA
	58-59	KOREAN REPUBLIC
	80	SOUTH AFRICA
	91-96	UNITED KINGDOM
	97-103	USA
5970	41-45	GERMANY
	48-49	HUNGARY
	56	KAZAKHSTAN
	80-81	SPAIN
	105	YEMEN
5975	19-20	ALBANIA
	54-56	JAPAN
	58-59	KOREAN REPUBLIC
	91-96	UNITED KINGDOM
5980	41-45	GERMANY
	62	MALAYSIA
	84-86	TAIWAN
	87-88	TURKEY
5985	19-20	ALBANIA
	33	CONGO
	41-45	GERMANY
	56	KAZAKHSTAN
	63	MEXICO
	97-103	USA
5990	38	ETHIOPIA
	39-40	FRANCE
	45	GHANA
	53-54	ITALY
	64	MYANMAR
	70-71	ROMANIA
	91-96	UNITED KINGDOM
5995	28-29	CANADA
	68	POLAND
	71-77	RUSSIA
	97-103	USA
6000	82	SWEDEN
6005	27	BULGARIA
	50-51	IRAN
	81	SRI LANKA
	91-96	UNITED KINGDOM
	106	YUGOSLAVIA
6010	25	BELARUS
	30-32	CHINA
	33-34	CUBA
	53-54	ITALY
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
6012	21	ANTARCTICA
6015	24	AUSTRIA
	35	DENMARK
	41-45	GERMANY
	54	IVORY COAST
	65-66	NORWAY
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
6020	23	AUSTRALIA
	47-48	HOLLAND
	67-68	PHILIPPINES
	78	SAUDI ARABIA
	80-81	SPAIN
	89	UKRAINE
6025	35	DOMINICAN REPUBLIC
	41-45	GERMANY
	48-49	HUNGARY
	97-103	USA
6030	32	COLOMBIA
	91-96	UNITED KINGDOM
	97-103	USA
6035	54-56	JAPAN
	68	POLAND
	97-103	USA
6040	28-29	CANADA
	41-45	GERMANY
	82	SWEDEN
	97-103	USA
6045	39-40	FRANCE
	49	INDIA
	97-103	USA
6050	28-29	CANADA
	36	ECUADOR
	53-54	ITALY
	62	MALAYSIA
	91-96	UNITED KINGDOM
6055	34	CZECH REPUBLIC
	54-56	JAPAN
	59	KUWAIT
	79	SLOVAKIA
	80-81	SPAIN
	97-103	USA
6060	21-22	ARGENTINA
	23	AUSTRALIA
	33-34	CUBA
	53-54	ITALY
	97-103	USA
6065	22	ARMENIA
	70-71	ROMANIA
	71-77	RUSSIA
	82	SWEDEN
	97-103	USA
6070	41-45	GERMANY
	91-96	UNITED KINGDOM
6075	41-45	GERMANY
	57	KENYA
	81	SRI LANKA
	97	UNITED NATIONS
6080	19-20	ALBANIA
	23	AUSTRALIA
	25	BELARUS
	36	ECUADOR
	91-96	UNITED KINGDOM
	97	UNITED NATIONS
6082	67	PERU
6085	41-45	GERMANY
	97-103	USA
6090	27	CAMBODIA
	62	LUXEMBOURG
	89	UKRAINE
	97-103	USA
6095	67	PERU
	68	POLAND
	97-103	USA
	104-105	VATICAN
6100	41-45	GERMANY
	62	MALAYSIA
	65	NEW ZEALAND
	106	YUGOSLAVIA
6105	41-45	GERMANY
	51	IRAQ
	70-71	ROMANIA
	86	TANZANIA
6110	24	AZERBAIJAN
	36	ECUADOR
	48-49	HUNGARY
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
6115	41-45	GERMANY
	54-56	JAPAN
	71-77	RUSSIA
6120	19-20	ALBANIA
	28-29	CANADA
	38	FINLAND
	54-56	JAPAN
	80	SOUTH AFRICA
6125	36	ECUADOR
	71-77	RUSSIA
	80-81	SPAIN
	91-96	UNITED KINGDOM
	97-103	USA
6130	41-45	GERMANY
	45	GHANA
	60	LAOS
	71-77	RUSSIA
	80	SOUTH AFRICA
	80-81	SPAIN
	91-96	UNITED KINGDOM
	97-103	USA
6135	24	AZERBAIJAN
	41-45	GERMANY
	56	KAZAKHSTAN
	58-59	KOREAN REPUBLIC
	68	POLAND
	71-77	RUSSIA
	83	SWITZERLAND
	91-96	UNITED KINGDOM
	104	UZBEKISTAN

6140	30-32	CHINA
	41-45	GERMANY
	87-88	TURKEY
	91-96	UNITED KINGDOM
	97-103	USA
6145	19-20	ALBANIA
	20	ALGERIA
	41-45	GERMANY
	54-56	JAPAN
	58-59	KOREAN REPUBLIC
	71-77	RUSSIA
6150	25	BELARUS
	28-29	CANADA
	39-40	FRANCE
	41-45	GERMANY
	54-56	JAPAN
	57	KENYA
	71-77	RUSSIA
	97-103	USA
6155	24	AUSTRIA
	47	GUINEAN REPUBLIC
	49	INDIA
	54-56	JAPAN
	61	LIBYA
	70-71	ROMANIA
	81-82	SWAZILAND
	91-96	UNITED KINGDOM
	97-103	USA
6160	41-45	GERMANY
	97-103	USA
6165	47-48	HOLLAND
	53-54	ITALY
	54-56	JAPAN
	83	SWITZERLAND
	106	ZAMBIA
6170	19-20	ALBANIA
	41-45	GERMANY
6175	33	COSTA RICA
	39-40	FRANCE
	50-51	IRAN
	62	MALAYSIA
	91-96	UNITED KINGDOM
	97-103	USA
6180	33-34	CUBA
	54-56	JAPAN
	90	UNITED ARAB EMIRATES
	91-96	UNITED KINGDOM
6185	41-45	GERMANY
	54-56	JAPAN
	61	LIBYA
	71-77	RUSSIA
	78-79	SEYCHELLES
	104-105	VATICAN
6190	54-56	JAPAN
	91-96	UNITED KINGDOM
	97-103	USA
6195	71-77	RUSSIA
	82	SWEDEN
	91-96	UNITED KINGDOM
6200	89	UKRAINE
6205	36	ECUADOR
6220	26	BOSNIA HERCEGOVINA
6230	36-37	EGYPT
	63	MONACO
6245	104-105	VATICAN
6280	60	LEBANON
6300	97-103	USA
6480	58-59	KOREAN REPUBLIC
6540	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
6550	60	LEBANON
6560	51	IRAQ
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
6576	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
6825	30-32	CHINA
6933	30-32	CHINA
6955	30-32	CHINA
7020	37	ERITREA
7105	19-20	ALBANIA
	25	BELARUS
	33	CONGO
	41-45	GERMANY
	70-71	ROMANIA
	91-96	UNITED KINGDOM
	97-103	USA
7110	19-20	ALBANIA
	30-32	CHINA
	38	ETHIOPIA
	87-88	TURKEY
	88	UGANDA
	91-96	UNITED KINGDOM
	97-103	USA
7115	27	BULGARIA
	41-45	GERMANY
	60	LAOS
	67-68	PHILIPPINES
	71-77	RUSSIA
	97-103	USA
7120	30-32	CHINA
	39-40	FRANCE
	47-48	HOLLAND
	49	INDIA
7125	27	BULGARIA
	47	GUINEAN REPUBLIC
	54-56	JAPAN
	97	UNITED NATIONS
	97-103	USA
7130	30-32	CHINA
	41-45	GERMANY
	47-48	HOLLAND
	84-86	TAIWAN
	97-103	USA
7135	27	BULGARIA
	39-40	FRANCE
	41-45	GERMANY
	47-48	HOLLAND
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
7140	30-32	CHINA
	41-45	GERMANY
	49	INDIA
	54-56	JAPAN
	57	KENYA
	91-96	UNITED KINGDOM
7145	20	ALGERIA
	25	BELARUS
	39-40	FRANCE
	41-45	GERMANY
	62	MALAYSIA
	68	POLAND
7150	19-20	ALBANIA
	23	AUSTRALIA
	25	BELARUS
	28	CAMEROON
	28-29	CANADA
	41-45	GERMANY
	71-77	RUSSIA
	89	UKRAINE
	91-96	UNITED KINGDOM
	97-103	USA
7155	19-20	ALBANIA
	27	BULGARIA
	35	DENMARK
	41-45	GERMANY
	56	JORDAN
	65-66	NORWAY
7160	24	AZERBAIJAN
	39-40	FRANCE
	62	MALAYSIA
	63	MONACO
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
7165	35	DENMARK
	38	ETHIOPIA
	41-45	GERMANY
	65	NEPAL
	65-66	NORWAY
	97-103	USA
	106	YUGOSLAVIA
7170	19-20	ALBANIA
	30-32	CHINA
	41-45	GERMANY
	71-77	RUSSIA
	97-103	USA
7175	22	ARMENIA
	41-45	GERMANY
	53-54	ITALY
	70-71	ROMANIA
	91-96	UNITED KINGDOM
	97-103	USA
7180	41-45	GERMANY
	51	IRAQ
	54-56	JAPAN
	58-59	KOREAN REPUBLIC
	87-88	TURKEY
	91-96	UNITED KINGDOM
	97-103	USA
7185	41-45	GERMANY
	64	MYANMAR
	71-77	RUSSIA
	80	SOUTH AFRICA
	87-88	TURKEY
7190	30-32	CHINA
	41-45	GERMANY
	50-51	IRAN
	81	SRI LANKA
	97-103	USA
	105	YEMEN
7195	70-71	ROMANIA
	88	UGANDA
7200	19	AFGHANISTAN
	28-29	CANADA
	41-45	GERMANY
	51	IRAQ
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	97-103	USA
7205	23	AUSTRALIA

	91-96	UNITED KINGDOM
	97-103	USA
7210	25	BELARUS
	49	INDIA
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
7215	21	ANGOLA
	30-32	CHINA
	35	DENMARK
	50-51	IRAN
	54	IVORY COAST
	65-66	NORWAY
	78-79	SEYCHELLES
	90	UNITED ARAB EMIRATES
	97-103	USA
	106	YUGOSLAVIA
7220	41-45	GERMANY
	48-49	HUNGARY
	106	YUGOSLAVIA
	106	ZAMBIA
7225	41-45	GERMANY
	49	INDIA
	70-71	ROMANIA
	80	SOUTH AFRICA
	91-96	UNITED KINGDOM
7230	41-45	GERMANY
	54-56	JAPAN
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	71-77	RUSSIA
	91-96	UNITED KINGDOM
7235	28-29	CANADA
	41-45	GERMANY
	50-51	IRAN
	53-54	ITALY
	67-68	PHILIPPINES
	104	UZBEKISTAN
	106	ZAMBIA
7238	26	BOSNIA HERCEGOVINA
7240	23	AUSTRALIA
	27	BULGARIA
	28	CAMEROON
	71-77	RUSSIA
	89	UKRAINE
7245	19-20	ALBANIA
	20	ALGERIA
	21	ANGOLA
	41-45	GERMANY
	63	MOLDOVA
	86	TAJIKISTAN
7250	49	INDIA
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	104-105	VATICAN
7255	26	BOTSWANA
	41-45	GERMANY
	50-51	IRAN
	54-56	JAPAN
	56	KAZAKHSTAN
	65	NIGERIA
	97-103	USA
7260	19-20	ALBANIA
	23	AUSTRALIA
	27	BULGARIA
	30-32	CHINA
	47-48	HOLLAND
	64	MONGOLIA
	91-96	UNITED KINGDOM
	97-103	USA
7265	41-45	GERMANY
	49	INDIA
	70-71	ROMANIA
	97-103	USA
	106	YUGOSLAVIA
7270	19-20	ALBANIA
	62	MALAYSIA
	68	POLAND
	78-79	SEYCHELLES
	80	SOUTH AFRICA
	81-82	SWAZILAND
	97-103	USA
7275	35	DENMARK
	41-45	GERMANY
	53-54	ITALY
	58-59	KOREAN REPUBLIC
	61	LIBERIA
	65-66	NORWAY
	78	SAUDI ARABIA
	80-81	SPAIN
7280	39-40	FRANCE
	71-77	RUSSIA
	97-103	USA
7285	28-29	CANADA
	41-45	GERMANY
	47-48	HOLLAND
	68	POLAND
	84-86	TAIWAN
	89	UKRAINE
	97-103	USA
7290	53-54	ITALY
	66-67	PAKISTAN
	87-88	TURKEY
7295	27	BULGARIA
	28-29	CANADA
	35	DENMARK
	41-45	GERMANY
	45	GHANA
	65-66	NORWAY
	84-86	TAIWAN
	91-96	UNITED KINGDOM
	97-103	USA
7300	71-77	RUSSIA
7305	30-32	CHINA
	39-40	FRANCE
	47-48	HOLLAND
	71-77	RUSSIA
	104-105	VATICAN
7310	47-48	HOLLAND
	79	SLOVAKIA
7315	39-40	FRANCE
	71-77	RUSSIA
	97-103	USA
7320	91-96	UNITED KINGDOM
7325	91-96	UNITED KINGDOM
	97-103	USA
	104	UZBEKISTAN
7330	91-96	UNITED KINGDOM
7335	30-32	CHINA
	71-77	RUSSIA
	104-105	VATICAN
7340	97-103	USA
7345	34	CZECH REPUBLIC
	79	SLOVAKIA
7350	30-32	CHINA
	51	IRAQ
7355	97-103	USA
	104-105	VATICAN
7360	30-32	CHINA
	104-105	VATICAN
7365	47-48	HOLLAND
	97-103	USA
	104-105	VATICAN
7370	25-26	BELGIUM
	71-77	RUSSIA
7375	30-32	CHINA
	97	UNITED NATIONS
7380	37	ERITREA
	41-45	GERMANY
	71-77	RUSSIA
7385	30-32	CHINA
	63	MONACO
7395	97-103	USA
7400	71-77	RUSSIA
7405	30-32	CHINA
	97-103	USA
7412	49	INDIA
7415	97-103	USA
7417	105	VIETNAM
7420	51	IRAQ
7425	97-103	USA
7435	30-32	CHINA
	97-103	USA
7440	22	ARMENIA
7445	84-86	TAIWAN
7450	46	GREECE
7455	97-103	USA
7465	52	ISRAEL
	97-103	USA
7470	30-32	CHINA
7480	30-32	CHINA
	83	SWITZERLAND
7490	97-103	USA
7510	97-103	USA
7550	58-59	KOREAN REPUBLIC
7580	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
7590	30-32	CHINA
7660	30-32	CHINA
7700	30-32	CHINA
7780	30-32	CHINA
7800	30-32	CHINA
7820	30-32	CHINA
8260	30-32	CHINA
8345	30-32	CHINA
8400	30-32	CHINA
	97	UNITED NATIONS
8425	30-32	CHINA
8450	30-32	CHINA
8660	30-32	CHINA
9022	50-51	IRAN
9240	30-32	CHINA
9280	84-86	TAIWAN
	97-103	USA
9310	47-48	HOLLAND
9325	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
9345	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
9350	97-103	USA
9355	97-103	USA
9360	47-48	HOLLAND
9365	30-32	CHINA
9370	30-32	CHINA
	97-103	USA
9375	46	GREECE
9380	46	GREECE
9390	52	ISRAEL

9395	46	GREECE
9405	34	CZECH REPUBLIC
9410	91-96	UNITED KINGDOM
9420	34	CZECH REPUBLIC
	46	GREECE
	66-67	PAKISTAN
9425	46	GREECE
	97-103	USA
9430	97-103	USA
9435	52	ISRAEL
9440	30-32	CHINA
	34	CZECH REPUBLIC
	79	SLOVAKIA
9445	63	MONACO
	87-88	TURKEY
9450	71-77	RUSSIA
9455	97-103	USA
9460	30-32	CHINA
	46	GREECE
	87-88	TURKEY
9465	97-103	USA
9470	71-77	RUSSIA
9475	36-37	EGYPT
	97-103	USA
9480	30-32	CHINA
	39-40	FRANCE
	63	MONACO
	71-77	RUSSIA
	97	UNITED NATIONS
	97-103	USA
9485	34	CZECH REPUBLIC
	39-40	FRANCE
	66-67	PAKISTAN
	79	SLOVAKIA
	97-103	USA
9490	63	MONACO
	71-77	RUSSIA
9495	39-40	FRANCE
	63	MONACO
	67-68	PHILIPPINES
	97-103	USA
9500	104-105	VATICAN
9505	34	CZECH REPUBLIC
	41-45	GERMANY
	56	KAZAKHSTAN
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	71-77	RUSSIA
	79	SLOVAKIA
	97-103	USA
	106	YUGOSLAVIA
9510	20	ALGERIA
	23	AUSTRALIA
	33-34	CUBA
	58-59	KOREAN REPUBLIC
	70-71	ROMANIA
	89	UKRAINE
	91-96	UNITED KINGDOM
	97-103	USA
9515	36	ECUADOR
	41-45	GERMANY
	53-54	ITALY
	58-59	KOREAN REPUBLIC
	66-67	PAKISTAN
	71-77	RUSSIA
	91-96	UNITED KINGDOM
9520	41-45	GERMANY
	67	PAPUA NEWGUINEA
	67-68	PHILIPPINES
	80	SOUTH AFRICA
	80-81	SPAIN
9525	50-51	IRAN
	68	POLAND
	91-96	UNITED KINGDOM
	97-103	USA
9530	19-20	ALBANIA
	28-29	CANADA
	70-71	ROMANIA
	71-77	RUSSIA
	79	SINGAPORE
	80-81	SPAIN
	97-103	USA
9535	20	ALGERIA
	21	ANGOLA
	28-29	CANADA
	41-45	GERMANY
	54-56	JAPAN
	67-68	PHILIPPINES
	71-77	RUSSIA
	83	SWITZERLAND
	97-103	USA
9540	41-45	GERMANY
	63	MOLDOVA
	68	POLAND
	80-81	SPAIN
	91-96	UNITED KINGDOM
	97-103	USA
	104	UZBEKISTAN
9545	41-45	GERMANY
	97-103	USA
9550	28-29	CANADA
	30-32	CHINA
	33-34	CUBA
	39-40	FRANCE
	49	INDIA
	63	MOLDOVA
	80	SOUTH AFRICA
	89	UKRAINE
	97-103	USA
9555	28-29	CANADA
	41-45	GERMANY
	67-68	PHILIPPINES
	69	PORTUGAL
	78	SAUDI ARABIA
	97-103	USA
9560	23	AUSTRALIA
	27	BULGARIA
	35	DENMARK
	38	ETHIOPIA
	38	FINLAND
	46	GREECE
	56	JORDAN
	65-66	NORWAY
	67-68	PHILIPPINES
	87-88	TURKEY
	91-96	UNITED KINGDOM
9562	67	PERU
9565	40	GEORGIA
	41-45	GERMANY
	49	INDIA
	78	SAUDI ARABIA
	78-79	SEYCHELLES
	81-82	SWAZILAND
	97	UNITED NATIONS
	97-103	USA
9570	30-32	CHINA
	41-45	GERMANY
	54-56	JAPAN
	58-59	KOREAN REPUBLIC
	69	PORTUGAL
	70-71	ROMANIA
	71-77	RUSSIA
	91-96	UNITED KINGDOM
9575	53-54	ITALY
	84-86	TAIWAN
	97	UNITED NATIONS
	97-103	USA
9580	19-20	ALBANIA
	23	AUSTRALIA
	41-45	GERMANY
	54-56	JAPAN
	58-59	KOREAN REPUBLIC
	71-77	RUSSIA
	78	SAUDI ARABIA
	91-96	UNITED KINGDOM
	97-103	USA
	106	YUGOSLAVIA
9585	71-77	RUSSIA
	80	SOUTH AFRICA
	91-96	UNITED KINGDOM
	97-103	USA
9590	35	DENMARK
	40	GEORGIA
	47-48	HOLLAND
	54-56	JAPAN
	65-66	NORWAY
	70-71	ROMANIA
	71-77	RUSSIA
	79	SINGAPORE
	87-88	TURKEY
	91-96	UNITED KINGDOM
	97	UNITED NATIONS
	97-103	USA
9595	41-45	GERMANY
	54-56	JAPAN
	90	UNITED ARAB EMIRATES
	106	YUGOSLAVIA
9600	26	BOTSWANA
	36	ECUADOR
	54-56	JAPAN
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	61	LIBYA
	69	PORTUGAL
	71-77	RUSSIA
	87-88	TURKEY
	89	UKRAINE
	91-96	UNITED KINGDOM
	97-103	USA
	104-105	VATICAN
9605	30-32	CHINA
	39-40	FRANCE
	41-45	GERMANY
	90	UNITED ARAB EMIRATES
	91-96	UNITED KINGDOM
	97-103	USA
	104-105	VATICAN
9610	33	CONGO
	49	INDIA
	50-51	IRAN
	54-56	JAPAN

	71-77	RUSSIA
	84-86	TAIWAN
	91-96	UNITED KINGDOM
9615	41-45	GERMANY
	91-96	UNITED KINGDOM
	97-103	USA
9620	30-32	CHINA
	36-37	EGYPT
	80-81	SPAIN
	82	SWEDEN
	97-103	USA
	106	YUGOSLAVIA
9625	30-32	CHINA
	41-45	GERMANY
	70-71	ROMANIA
	71-77	RUSSIA
	97-103	USA
9630	19-20	ALBANIA
	47-48	HOLLAND
	80-81	SPAIN
	91-96	UNITED KINGDOM
9635	19	AFGHANISTAN
	28-29	CANADA
	69	PORTUGAL
	71-77	RUSSIA
	79	SINGAPORE
	91-96	UNITED KINGDOM
	97-103	USA
9640	20	ALGERIA
	41-45	GERMANY
	50-51	IRAN
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	58-59	KOREAN REPUBLIC
	71-77	RUSSIA
	89	UKRAINE
	91-96	UNITED KINGDOM
	97-103	USA
9645	23	AUSTRALIA
	33	COSTA RICA
	41-45	GERMANY
	97-103	USA
	104-105	VATICAN
9650	28-29	CANADA
	39-40	FRANCE
	41-45	GERMANY
	47	GUINEAN REPUBLIC
	47-48	HOLLAND
	49	INDIA
	51	IRAQ
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	58-59	KOREAN REPUBLIC
	80	SOUTH AFRICA
	80-81	SPAIN
	97-103	USA
	104-105	VATICAN
9655	24	AUSTRIA
	30-32	CHINA
	32	COLOMBIA
	33-34	CUBA
	35	DENMARK
	39-40	FRANCE
	65-66	NORWAY
	71-77	RUSSIA
	82	SWEDEN
	87	THAILAND
9660	28-29	CANADA
	41-45	GERMANY
	54-56	JAPAN
	67-68	PHILIPPINES
	97-103	USA
9665	38	FINLAND
	49	INDIA
	70-71	ROMANIA
	71-77	RUSSIA
	78	SAUDI ARABIA
	97-103	USA
9670	30-32	CHINA
	36	ECUADOR
	36-37	EGYPT
	41-45	GERMANY
	67-68	PHILIPPINES
	71-77	RUSSIA
	82	SWEDEN
	91-96	UNITED KINGDOM
	97-103	USA
9675	19-20	ALBANIA
	36	ECUADOR
	49	INDIA
	50	INDONESIA
	54-56	JAPAN
	65	NEW ZEALAND
	67	PAPUA NEWGUINEA
	80	SOUTH AFRICA
	87-88	TURKEY
	89	UKRAINE
	97-103	USA
9680	28-29	CANADA
	41-45	GERMANY
	54-56	JAPAN
	84-86	TAIWAN
	97-103	USA
9685	20	ALGERIA
	22	ARMENIA
	25	BELARUS
	32	COLOMBIA
	54-56	JAPAN
	71-77	RUSSIA
	80-81	SPAIN
	87-88	TURKEY
	89	UKRAINE
9690	21-22	ARGENTINA
	30-32	CHINA
	41-45	GERMANY
	70-71	ROMANIA
	91-96	UNITED KINGDOM
	97-103	USA
9695	27	CAMBODIA
	41-45	GERMANY
	67-68	PHILIPPINES
	80	SOUTH AFRICA
	82	SWEDEN
	90	UNITED ARAB EMIRATES
	104-105	VATICAN
9700	25	BANGLADESH
	27	BULGARIA
	30-32	CHINA
	36-37	EGYPT
	41-45	GERMANY
	49	INDIA
	65	NEW ZEALAND
	97	UNITED NATIONS
	97-103	USA
9705	22	ARMENIA
	38	ETHIOPIA
	41-45	GERMANY
	63	MEXICO
	69	PORTUGAL
	97-103	USA
9710	23	AUSTRALIA
	39-40	FRANCE
	41-45	GERMANY
	53-54	ITALY
	61-62	LITHUANIA
	71-77	RUSSIA
	97	UNITED NATIONS
	97-103	USA
9715	30-32	CHINA
	39-40	FRANCE
	41-45	GERMANY
	47-48	HOLLAND
	97-103	USA
9720	21	ANGOLA
	47-48	HOLLAND
	50-51	IRAN
	71-77	RUSSIA
	81	SRI LANKA
	106	YUGOSLAVIA
9725	19-20	ALBANIA
	30-32	CHINA
	41-45	GERMANY
	51	IRAQ
	54-56	JAPAN
	71-77	RUSSIA
9730	19-20	ALBANIA
	27	BULGARIA
	38	FINLAND
	64	MYANMAR
	71-77	RUSSIA
	78	SAUDI ARABIA
	80	SOUTH AFRICA
	84-86	TAIWAN
	97-103	USA
	105	VIETNAM
9735	41-45	GERMANY
9740	27	BULGARIA
	36-37	EGYPT
	41-45	GERMANY
	91-96	UNITED KINGDOM
	97-103	USA
9745	26	BRAZIL
	30-32	CHINA
	36	ECUADOR
	39-40	FRANCE
	80-81	SPAIN
	97-103	USA
9750	28-29	CANADA
	41-45	GERMANY
	54-56	JAPAN
	62	MALAYSIA
	70-71	ROMANIA
	71-77	RUSSIA
	91-96	UNITED KINGDOM
9755	28-29	CANADA
	36-37	EGYPT
	71-77	RUSSIA
	97-103	USA
	104	UZBEKISTAN
	104-105	VATICAN
9760	19-20	ALBANIA
	54-56	JAPAN
	80-81	SPAIN
	91-96	UNITED KINGDOM
	97-103	USA
9765	30-32	CHINA
	36	ECUADOR
	41-45	GERMANY
	63	MALTA
	71-77	RUSSIA
	84-86	TAIWAN

9770	23	AUSTRALIA
	25	BANGLADESH
	30-32	CHINA
	36-37	EGYPT
	41-45	GERMANY
	71-77	RUSSIA
	78-79	SEYCHELLES
	81-82	SWAZILAND
	90	UNITED ARAB EMIRATES
	97-103	USA
9775	27	BULGARIA
	71-77	RUSSIA
	97-103	USA
9780	30-32	CHINA
	67-68	PHILIPPINES
	69	PORTUGAL
	71-77	RUSSIA
	105	YEMEN
9785	30-32	CHINA
	71-77	RUSSIA
	78-79	SEYCHELLES
	97-103	USA
9790	39-40	FRANCE
	71-77	RUSSIA
	104	UZBEKISTAN
9795	63	MONACO
	71-77	RUSSIA
9800	36-37	EGYPT
	39-40	FRANCE
	71-77	RUSSIA
9805	39-40	FRANCE
9810	47-48	HOLLAND
	78-79	SEYCHELLES
	79	SLOVAKIA
	83	SWITZERLAND
9815	33-34	CUBA
	52	ISRAEL
	67-68	PHILIPPINES
	69	PORTUGAL
	71-77	RUSSIA
	97-103	USA
9820	30-32	CHINA
	67-68	PHILIPPINES
	71-77	RUSSIA
9825	46	GREECE
	91-96	UNITED KINGDOM
9830	33	CROATIA
	56	JORDAN
9835	48-49	HUNGARY
	71-77	RUSSIA
9840	47-48	HOLLAND
	59	KUWAIT
	97-103	USA
	104	UZBEKISTAN
	105	VIETNAM
9845	30-32	CHINA
	39-40	FRANCE
	52	ISRAEL
	97-103	USA
9850	36-37	EGYPT
	67-68	PHILIPPINES
	82	SWEDEN
	97-103	USA
9855	30-32	CHINA
	71-77	RUSSIA
9860	47-48	HOLLAND
	67	PERU
	67-68	PHILIPPINES
	83	SWITZERLAND
	89	UKRAINE
9865	71-77	RUSSIA
9870	24	AUSTRIA
	58-59	KOREAN REPUBLIC
	78	SAUDI ARABIA
	97-103	USA
9875	41-45	GERMANY
	67-68	PHILIPPINES
	80-81	SPAIN
9880	24	AUSTRIA
	30-32	CHINA
	71-77	RUSSIA
9885	71-77	RUSSIA
	78	SAUDI ARABIA
	83	SWITZERLAND
	97-103	USA
	104	UZBEKISTAN
9890	47-48	HOLLAND
	71-77	RUSSIA
	97-103	USA
9895	47-48	HOLLAND
	71-77	RUSSIA
9900	30-32	CHINA
	36-37	EGYPT
	87-88	TURKEY
9905	25-26	BELGIUM
9910	49	INDIA
9915	91-96	UNITED KINGDOM
9920	30-32	CHINA
9925	25-26	BELGIUM
9930	25-26	BELGIUM
	97-103	USA
9945	30-32	CHINA
	97	UNITED NATIONS
9950	49	INDIA
9955	84-86	TAIWAN
	97-103	USA
9965	30-32	CHINA
9977	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
9985	30-32	CHINA
	97-103	USA
9995	84	SYRIAN ARAB REPUBLIC
10010	105	VIETNAM
10330	49	INDIA
11335	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
11445	30-32	CHINA
11455	30-32	CHINA
11500	30-32	CHINA
11515	30-32	CHINA
11520	66-67	PAKISTAN
11550	97-103	USA
11560	36-37	EGYPT
11570	66-67	PAKISTAN
11575	30-32	CHINA
11580	97-103	USA
11585	52	ISRAEL
	89	UKRAINE
11587	52	ISRAEL
11590	52	ISRAEL
11595	46	GREECE
11600	30-32	CHINA
	36-37	EGYPT
11603	52	ISRAEL
11605	52	ISRAEL
11615	39-40	FRANCE
11620	49	INDIA
11625	63	MONACO
	104-105	VATICAN
11630	71-77	RUSSIA
11640	34	CZECH REPUBLIC
	66-67	PAKISTAN
11645	25-26	BELGIUM
	27	BULGARIA
	46	GREECE
11650	30-32	CHINA
	71-77	RUSSIA
	82	SWEDEN
	97-103	USA
11655	47-48	HOLLAND
11660	23	AUSTRALIA
	27	BULGARIA
	30-32	CHINA
	39-40	FRANCE
	47-48	HOLLAND
	71-77	RUSSIA
11665	36-37	EGYPT
	71-77	RUSSIA
	97	UNITED NATIONS
	97-103	USA
11670	25	BELARUS
	39-40	FRANCE
	71-77	RUSSIA
11675	22	ARMENIA
	30-32	CHINA
	39-40	FRANCE
	52	ISRAEL
	71-77	RUSSIA
11680	30-32	CHINA
	39-40	FRANCE
	47-48	HOLLAND
	91-96	UNITED KINGDOM
11685	39-40	FRANCE
	78	SAUDI ARABIA
	78-79	SEYCHELLES
	81-82	SWAZILAND
11690	67-68	PHILIPPINES
	71-77	RUSSIA
	83	SWITZERLAND
11695	23	AUSTRALIA
	25-26	BELGIUM
	30-32	CHINA
	71-77	RUSSIA
	82	SWEDEN
	91-96	UNITED KINGDOM
	97-103	USA
11700	25-26	BELGIUM
	39-40	FRANCE
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	71-77	RUSSIA
	97-103	USA
11705	28-29	CANADA
	35	DENMARK
	39-40	FRANCE
	41-45	GERMANY
	54-56	JAPAN
	65-66	NORWAY
	71-77	RUSSIA
	89	UKRAINE
	97-103	USA
11710	21-22	ARGENTINA
	33	CONGO
	47-48	HOLLAND
	54-56	JAPAN
	71-77	RUSSIA
	78	SAUDI ARABIA
	78-79	SEYCHELLES
	87-88	TURKEY
	90	UNITED ARAB EMIRATES
	91-96	UNITED KINGDOM
	97-103	USA
11715	20	ALGERIA
	30-32	CHINA
	36-37	EGYPT
	39-40	FRANCE

	41-45	GERMANY
	47-48	HOLLAND
	49	INDIA
	50-51	IRAN
	54-56	JAPAN
	58-59	KOREAN REPUBLIC
	71-77	RUSSIA
	97-103	USA
	104-105	VATICAN
11720	23	AUSTRALIA
	27	BULGARIA
	29	CHILE
	51	IRAQ
	89	UKRAINE
	91-96	UNITED KINGDOM
	97-103	USA
11725	41-45	GERMANY
	58-59	KOREAN REPUBLIC
	71-77	RUSSIA
	84-86	TAIWAN
	97-103	USA
11730	35	DENMARK
	49	INDIA
	65-66	NORWAY
	71-77	RUSSIA
	78	SAUDI ARABIA
	91-96	UNITED KINGDOM
	97-103	USA
11735	28-29	CANADA
	35	DENMARK
	36	ECUADOR
	41-45	GERMANY
	49	INDIA
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	65	NEW ZEALAND
	65-66	NORWAY
	71-77	RUSSIA
	97	UNITED NATIONS
	97-103	USA
11740	41-45	GERMANY
	54-56	JAPAN
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	58-59	KOREAN REPUBLIC
	65-66	NORWAY
	70-71	ROMANIA
	71-77	RUSSIA
	78	SAUDI ARABIA
	84-86	TAIWAN
	91-96	UNITED KINGDOM
	97-103	USA
	104-105	VATICAN
11745	19-20	ALBANIA
	26	BRAZIL
	30-32	CHINA
	35	DENMARK
	49	INDIA
	65-66	NORWAY
	71-77	RUSSIA
	84-86	TAIWAN
11750	50	INDONESIA
	71-77	RUSSIA
	87-88	TURKEY
	91-96	UNITED KINGDOM
	97-103	USA
11755	30-32	CHINA
	38	FINLAND
	97-103	USA
	106	YUGOSLAVIA
11760	33-34	CUBA
	49	INDIA
	54-56	JAPAN
	61-62	LITHUANIA
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97	UNITED NATIONS
	97-103	USA
11765	27	BULGARIA
	30-32	CHINA
	41-45	GERMANY
	53-54	ITALY
	71-77	RUSSIA
	91-96	UNITED KINGDOM
11770	25	BANGLADESH
	25	BELARUS
	41-45	GERMANY
	63	MEXICO
	71-77	RUSSIA
	80	SOUTH AFRICA
	97-103	USA
11775	63	MOLDOVA
	70-71	ROMANIA
	71-77	RUSSIA
	80-81	SPAIN
	91-96	UNITED KINGDOM
11780	24	AUSTRIA
	30-32	CHINA
	35	DENMARK
	50-51	IRAN
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	65-66	NORWAY
	78	SAUDI ARABIA
	89	UKRAINE
	91-96	UNITED KINGDOM
	97-103	USA
11785	30-32	CHINA
	36-37	EGYPT
	41-45	GERMANY
	49	INDIA
	54-56	JAPAN
	71-77	RUSSIA
	97-103	USA
11790	22	ARMENIA
	28-29	CANADA
	30-32	CHINA
	39-40	FRANCE
	50-51	IRAN
	67-68	PHILIPPINES
	70-71	ROMANIA
	71-77	RUSSIA
	78-79	SEYCHELLES
	81-82	SWAZILAND
	97-103	USA
11795	28-29	CANADA
	30-32	CHINA
	32	COLOMBIA
	41-45	GERMANY
	87-88	TURKEY
	90	UNITED ARAB EMIRATES
11800	23	AUSTRALIA
	53-54	ITALY
	71-77	RUSSIA
	81	SRI LANKA
	89	UKRAINE
	97	UNITED NATIONS
11805	40	GEORGIA
	49	INDIA
	51	IRAQ
	71-77	RUSSIA
	97-103	USA
11810	41-45	GERMANY
	49	INDIA
	51	IRAQ
	56	JORDAN
	70-71	ROMANIA
	71-77	RUSSIA
	78-79	SEYCHELLES
	81-82	SWAZILAND
	97	UNITED NATIONS
11815	30-32	CHINA
	41-45	GERMANY
	54-56	JAPAN
	61	LIBYA
	68	POLAND
	80-81	SPAIN
	97-103	USA
11820	67-68	PHILIPPINES
	71-77	RUSSIA
	78	SAUDI ARABIA
	91-96	UNITED KINGDOM
	97-103	USA
11825	19-20	ALBANIA
	41-45	GERMANY
	56	KAZAKHSTAN
	78	SAUDI ARABIA
	84-86	TAIWAN
	89	UKRAINE
11830	70-71	ROMANIA
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
	104-105	VATICAN
11835	19-20	ALBANIA
	36	ECUADOR
	41-45	GERMANY
	71-77	RUSSIA
	78	SAUDI ARABIA
	81	SRI LANKA
	97-103	USA
	103	URUGUAY
	106	YUGOSLAVIA
11840	19-20	ALBANIA
	30-32	CHINA
	54-56	JAPAN
	68	POLAND
	69	PORTUGAL
	70-71	ROMANIA
	71-77	RUSSIA
	78-79	SEYCHELLES
	81-82	SWAZILAND
	89	UKRAINE
	91-96	UNITED KINGDOM
	97-103	USA
11845	28-29	CANADA
	36	ECUADOR
	41-45	GERMANY
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	91-96	UNITED KINGDOM
	97-103	USA
11850	64	MONGOLIA
	67-68	PHILIPPINES
	71-77	RUSSIA
	80-81	SPAIN

11850	91-96	UNITED KINGDOM
	97-103	USA
11855	23	AUSTRALIA
	28-29	CANADA
	30-32	CHINA
	41-45	GERMANY
	71-77	RUSSIA
	97-103	USA
11860	27	BULGARIA
	35	DENMARK
	49	INDIA
	51	IRAQ
	54-56	JAPAN
	65-66	NORWAY
	71-77	RUSSIA
	84-86	TAIWAN
	91-96	UNITED KINGDOM
	97-103	USA
11865	35	DENMARK
	41-45	GERMANY
	65-66	NORWAY
	91-96	UNITED KINGDOM
	97-103	USA
11870	27	BULGARIA
	33-34	CUBA
	71-77	RUSSIA
	80-81	SPAIN
	97-103	USA
	106	YUGOSLAVIA
11875	28-29	CANADA
	33-34	CUBA
	36-37	EGYPT
	41-45	GERMANY
	54-56	JAPAN
	71-77	RUSSIA
	87-88	TURKEY
	97-103	USA
11880	23	AUSTRALIA
	35	DENMARK
	49	INDIA
	54-56	JAPAN
	65-66	NORWAY
	71-77	RUSSIA
	80-81	SPAIN
	91-96	UNITED KINGDOM
11885	41-45	GERMANY
	54-56	JAPAN
	62	MALAYSIA
	71-77	RUSSIA
	84-86	TAIWAN
	90	UNITED ARAB EMIRATES
11890	29	CHILE
	39-40	FRANCE
	71-77	RUSSIA
	80-81	SPAIN
	97-103	USA
11895	41-45	GERMANY
	50-51	IRAN
	78	SAUDI ARABIA
	91-96	UNITED KINGDOM
	97-103	USA
11900	65	NEW ZEALAND
	71-77	RUSSIA
	80	SOUTH AFRICA
	97-103	USA
11905	28-29	CANADA
	41-45	GERMANY
	53-54	ITALY
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	71-77	RUSSIA
	87	THAILAND
	91-96	UNITED KINGDOM
	97-103	USA
11910	23	AUSTRALIA
	30-32	CHINA
	36	ECUADOR
	39-40	FRANCE
	48-49	HUNGARY
	49	INDIA
	50-51	IRAN
	54-56	JAPAN
	80-81	SPAIN
	82	SWEDEN
	91-96	UNITED KINGDOM
11915	41-45	GERMANY
	54-56	JAPAN
	71-77	RUSSIA
	84-86	TAIWAN
	97-103	USA
11920	22	ARMENIA
	35	DENMARK
	54	IVORY COAST
	64	MOROCCO
	65-66	NORWAY
	71-77	RUSSIA
	80-81	SPAIN
	91-96	UNITED KINGDOM
	97-103	USA
11925	28-29	CANADA
	35	DENMARK
	36	ECUADOR
	41-45	GERMANY
	54-56	JAPAN
	63	MALTA
	65-66	NORWAY
	71-77	RUSSIA
	87-88	TURKEY
	97-103	USA
11930	50-51	IRAN
	54-56	JAPAN
	71-77	RUSSIA
	78-79	SEYCHELLES
	81-82	SWAZILAND
	97-103	USA
11935	28-29	CANADA
	41-45	GERMANY
	47-48	HOLLAND
	49	INDIA
	71-77	RUSSIA
	78	SAUDI ARABIA
	97-103	USA
	104-105	VATICAN
11938	27	CAMBODIA
11940	28-29	CANADA
	56	JORDAN
	70-71	ROMANIA
	71-77	RUSSIA
	91-96	UNITED KINGDOM
11945	30-32	CHINA
	41-45	GERMANY
	47-48	HOLLAND
	58-59	KOREAN REPUBLIC
	71-77	RUSSIA
	80-81	SPAIN
	87-88	TURKEY
	90	UNITED ARAB EMIRATES
	91-96	UNITED KINGDOM
	97	UNITED NATIONS
	97-103	USA
11950	41-45	GERMANY
	47-48	HOLLAND
	71-77	RUSSIA
	78	SAUDI ARABIA
	80	SOUTH AFRICA
	97-103	USA
11955	21	ANGOLA
	28-29	CANADA
	40	GEORGIA
	54-56	JAPAN
	56	JORDAN
	78-79	SEYCHELLES
	87-88	TURKEY
	90	UNITED ARAB EMIRATES
	91-96	UNITED KINGDOM
	97-103	USA
11960	25	BELARUS
	36	ECUADOR
	71-77	RUSSIA
	83	SWITZERLAND
	97	UNITED NATIONS
11965	39-40	FRANCE
	41-45	GERMANY
	71-77	RUSSIA
	78	SAUDI ARABIA
	97-103	USA
11970	28-29	CANADA
	33-34	CUBA
	41-45	GERMANY
	70-71	ROMANIA
	71-77	RUSSIA
	90	UNITED ARAB EMIRATES
	97-103	USA
11975	30-32	CHINA
	36-37	EGYPT
	39-40	FRANCE
	69	PORTUGAL
	71-77	RUSSIA
	78-79	SEYCHELLES
	97	UNITED NATIONS
	104	UZBEKISTAN
11980	30-32	CHINA
	36-37	EGYPT
	71-77	RUSSIA
	89	UKRAINE
	97-103	USA
11985	25	BELARUS
	47-48	HOLLAND
	71-77	RUSSIA
11990	30-32	CHINA
	34	CZECH REPUBLIC
	59	KUWAIT
	71-77	RUSSIA
	79	SLOVAKIA
	97-103	USA
11995	39-40	FRANCE
	67-68	PHILIPPINES
	71-77	RUSSIA
	97-103	USA
12000	41-45	GERMANY
	71-77	RUSSIA
12005	47-48	HOLLAND
	71-77	RUSSIA
	91-96	UNITED KINGDOM
12010	22	ARMENIA
	71-77	RUSSIA
12015	30-32	CHINA
	39-40	FRANCE
	64	MONGOLIA
	66-67	PAKISTAN
	71-77	RUSSIA

12020	67-68	PHILIPPINES
	71-77	RUSSIA
	105	VIETNAM
12025	39-40	FRANCE
	47-48	HOLLAND
	64	MONGOLIA
	71-77	RUSSIA
	97-103	USA
12030	30-32	CHINA
	71-77	RUSSIA
	89	UKRAINE
12035	71-77	RUSSIA
	80-81	SPAIN
	83	SWITZERLAND
	97-103	USA
	105	VIETNAM
12040	71-77	RUSSIA
	97-103	USA
12045	41-45	GERMANY
	71-77	RUSSIA
12050	27	BULGARIA
	36-37	EGYPT
	40	GEORGIA
	71-77	RUSSIA
	104-105	VATICAN
12055	30-32	CHINA
	41-45	GERMANY
	71-77	RUSSIA
	91-96	UNITED KINGDOM
12060	71-77	RUSSIA
12065	30-32	CHINA
	47-48	HOLLAND
12070	71-77	RUSSIA
12080	97-103	USA
12085	84	SYRIAN ARAB REPUBLIC
12095	91-96	UNITED KINGDOM
12110	30-32	CHINA
12160	97-103	USA
12450	30-32	CHINA
13580	34	CZECH REPUBLIC
	79	SLOVAKIA
13590	66-67	PAKISTAN
13595	97-103	USA
13605	23	AUSTRALIA
	71-77	RUSSIA
13610	41-45	GERMANY
13615	25	BANGLADESH
	71-77	RUSSIA
	97-103	USA
13620	59	KUWAIT
13625	27	BULGARIA
	39-40	FRANCE
	71-77	RUSSIA
	97-103	USA
13630	97	UNITED NATIONS
13635	83	SWITZERLAND
13640	39-40	FRANCE
13645	22	ARMENIA
	25	BELARUS
13650	28-29	CANADA
	30-32	CHINA
	51	IRAQ
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	71-77	RUSSIA
13655	25-26	BELGIUM
13660	91-96	UNITED KINGDOM
13665	66-67	PAKISTAN
13670	28-29	CANADA
	58-59	KOREAN REPUBLIC
13675	25-26	BELGIUM
	90	UNITED ARAB EMIRATES
13680	51	IRAQ
	71-77	RUSSIA
	97-103	USA
13685	25-26	BELGIUM
	30-32	CHINA
	66-67	PAKISTAN
	83	SWITZERLAND
13690	41-45	GERMANY
13695	97-103	USA
13700	47-48	HOLLAND
13705	71-77	RUSSIA
13710	97-103	USA
13715	33-34	CUBA
	79	SLOVAKIA
13720	97-103	USA
13725	71-77	RUSSIA
13730	24	AUSTRIA
13740	97-103	USA
13745	91-96	UNITED KINGDOM
13750	38	FINLAND
	97-103	USA
13755	23	AUSTRALIA
13760	27	BULGARIA
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	97-103	USA
13770	47-48	HOLLAND
	97-103	USA
13775	71-77	RUSSIA
	82	SWEDEN
	97-103	USA
13780	41-45	GERMANY
	64	MONGOLIA
13785	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
13790	41-45	GERMANY
13795	89	UKRAINE
13830	33	CROATIA
13845	97-103	USA
13865	30-32	CHINA
15010	105	VIETNAM
15020	49	INDIA
15030	97	UNITED NATIONS
15050	49	INDIA
15060	78	SAUDI ARABIA
15070	91-96	UNITED KINGDOM
15075	49	INDIA
15080	49	INDIA
15084	50-51	IRAN
15090	104-105	VATICAN
15095	52	ISRAEL
	67-68	PHILIPPINES
	84	SYRIAN ARAB REPUBLIC
15100	30-32	CHINA
	67-68	PHILIPPINES
15105	41-45	GERMANY
	64	MOROCCO
	87-88	TURKEY
	91-96	UNITED KINGDOM
	97-103	USA
15110	30-32	CHINA
	49	INDIA
	71-77	RUSSIA
	80-81	SPAIN
	97	UNITED NATIONS
15115	27	BULGARIA
	36	ECUADOR
	36-37	EGYPT
	41-45	GERMANY
	65	NEW ZEALAND
	91-96	UNITED KINGDOM
	97-103	USA
15120	38	FINLAND
	47-48	HOLLAND
	49	INDIA
	54-56	JAPAN
	71-77	RUSSIA
	81	SRI LANKA
	82	SWEDEN
	97-103	USA
15125	71-77	RUSSIA
	80-81	SPAIN
	84-86	TAIWAN
	97-103	USA
15130	30-32	CHINA
	41-45	GERMANY
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	67-68	PHILIPPINES
	71-77	RUSSIA
	80	SOUTH AFRICA
	84-86	TAIWAN
	97-103	USA
15135	30-32	CHINA
	39-40	FRANCE
	41-45	GERMANY
	89	UKRAINE
	90	UNITED ARAB EMIRATES
15140	29	CHILE
	36	ECUADOR
	49	INDIA
	67-68	PHILIPPINES
	71-77	RUSSIA
	97	UNITED NATIONS
	106	YUGOSLAVIA
15145	41-45	GERMANY
	49	INDIA
	78-79	SEYCHELLES
	81-82	SWAZILAND
	82	SWEDEN
	87-88	TURKEY
	97-103	USA
15150	29	CHILE
	47-48	HOLLAND
	50	INDONESIA
	71-77	RUSSIA
	80	SOUTH AFRICA
	97-103	USA
15155	36	ECUADOR
	36-37	EGYPT
	39-40	FRANCE
	47-48	HOLLAND
	58-59	KOREAN REPUBLIC
	71-77	RUSSIA
	97	UNITED NATIONS
	97-103	USA
15160	20	ALGERIA
	48-49	HUNGARY
	91-96	UNITED KINGDOM
	97-103	USA
15165	30-32	CHINA
	33-34	CUBA
	35	DENMARK
	49	INDIA
	65-66	NORWAY

15165	71-77	RUSSIA
	78	SAUDI ARABIA
	97	UNITED NATIONS
15170	23	AUSTRALIA
	41-45	GERMANY
	71-77	RUSSIA
	97-103	USA
15175	35	DENMARK
	65-66	NORWAY
	66-67	PAKISTAN
	71-77	RUSSIA
	78	SAUDI ARABIA
	78-79	SEYCHELLES
	81-82	SWAZILAND
	106	YUGOSLAVIA
15180	22	ARMENIA
	25	BELARUS
	30-32	CHINA
	39-40	FRANCE
	51	IRAQ
	71-77	RUSSIA
	89	UKRAINE
	91-96	UNITED KINGDOM
	97-103	USA
15185	41-45	GERMANY
	49	INDIA
	97-103	USA
15190	33	CONGO
	39-40	FRANCE
	54-56	JAPAN
	66-67	PAKISTAN
	67-68	PHILIPPINES
	71-77	RUSSIA
	82	SWEDEN
	91-96	UNITED KINGDOM
15195	28-29	CANADA
	33-34	CUBA
	35	DENMARK
	39-40	FRANCE
	54-56	JAPAN
	65-66	NORWAY
	91-96	UNITED KINGDOM
	97-103	USA
15200	39-40	FRANCE
	69	PORTUGAL
	104	UZBEKISTAN
15205	20	ALGERIA
	30-32	CHINA
	41-45	GERMANY
	51	IRAQ
	97-103	USA
15210	30-32	CHINA
	36-37	EGYPT
	54-56	JAPAN
	97-103	USA
	104-105	VATICAN
15215	20	ALGERIA
	28-29	CANADA
	41-45	GERMANY
	56	KAZAKHSTAN
	84-86	TAIWAN
	97-103	USA
15220	33-34	CUBA
	35	DENMARK
	36-37	EGYPT
	48-49	HUNGARY
	65-66	NORWAY
	71-77	RUSSIA
	80	SOUTH AFRICA
	91-96	UNITED KINGDOM
15225	41-45	GERMANY
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
15230	33-34	CUBA
	36	ECUADOR
	54-56	JAPAN
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	71-77	RUSSIA
	82	SWEDEN
	97-103	USA
15235	28-29	CANADA
	61	LIBYA
	91-96	UNITED KINGDOM
	97-103	USA
15240	23	AUSTRALIA
	24	AZERBAIJAN
	38	FINLAND
	54-56	JAPAN
	82	SWEDEN
15245	41-45	GERMANY
	53-54	ITALY
	71-77	RUSSIA
	78	SAUDI ARABIA
	91-96	UNITED KINGDOM
	97	UNITED NATIONS
	97-103	USA
15250	36	ECUADOR
	51	IRAQ
	56	KAZAKHSTAN
	70-71	ROMANIA
	97-103	USA
15255	36-37	EGYPT
	70-71	ROMANIA
	97-103	USA
15260	30-32	CHINA
	50-51	IRAN
	89	UKRAINE
	91-96	UNITED KINGDOM
	97	UNITED NATIONS
	97-103	USA
15265	26	BRAZIL
	49	INDIA
	71-77	RUSSIA
	90	UNITED ARAB EMIRATES
	97-103	USA
15270	36	ECUADOR
	41-45	GERMANY
	54-56	JAPAN
	56	KAZAKHSTAN
	84-86	TAIWAN
	97-103	USA
15275	28-29	CANADA
	41-45	GERMANY
15280	71-77	RUSSIA
	78	SAUDI ARABIA
	91-96	UNITED KINGDOM
	97-103	USA
15285	36-37	EGYPT
	56	KAZAKHSTAN
	97-103	USA
15290	41-45	GERMANY
	71-77	RUSSIA
	89	UKRAINE
	97-103	USA
15295	36	ECUADOR
	41-45	GERMANY
	54-56	JAPAN
	62	MALAYSIA
	71-77	RUSSIA
	97-103	USA
15300	29	CHILE
	39-40	FRANCE
	90	UNITED ARAB EMIRATES
	97-103	USA
15305	28-29	CANADA
	71-77	RUSSIA
	97-103	USA
15310	91-96	UNITED KINGDOM
	97-103	USA
15315	28-29	CANADA
	39-40	FRANCE
	47-48	HOLLAND
	56	KAZAKHSTAN
	63	MOLDOVA
	71-77	RUSSIA
	90	UNITED ARAB EMIRATES
	91-96	UNITED KINGDOM
15320	71-77	RUSSIA
	90	UNITED ARAB EMIRATES
	97	UNITED NATIONS
15325	28-29	CANADA
	39-40	FRANCE
	41-45	GERMANY
	49	INDIA
	78-79	SEYCHELLES
	81-82	SWAZILAND
	91-96	UNITED KINGDOM
15330	53-54	ITALY
	64	MOROCCO
	71-77	RUSSIA
	78-79	SEYCHELLES
15335	32	COLOMBIA
	35	DENMARK
	36-37	EGYPT
	49	INDIA
	65-66	NORWAY
	67-68	PHILIPPINES
	70-71	ROMANIA
	78	SAUDI ARABIA
	89	UKRAINE
	97	UNITED NATIONS
15340	33-34	CUBA
	41-45	GERMANY
	53-54	ITALY
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	70-71	ROMANIA
	71-77	RUSSIA
	91-96	UNITED KINGDOM
15345	21-22	ARGENTINA
	30-32	CHINA
	78	SAUDI ARABIA
	84-86	TAIWAN
15350	41-45	GERMANY
	54-56	JAPAN
	70-71	ROMANIA
	71-77	RUSSIA
	87-88	TURKEY
15355	34	CZECH REPUBLIC
	36	ECUADOR
	41-45	GERMANY
	54-56	JAPAN
	71-77	RUSSIA
	89	UKRAINE
	91-96	UNITED KINGDOM
	97-103	USA

15360	56	KAZAKHSTAN
	64	MOROCCO
	91-96	UNITED KINGDOM
	97-103	USA
15365	23	AUSTRALIA
	39-40	FRANCE
	49	INDIA
	50-51	IRAN
	70-71	ROMANIA
	97-103	USA
15370	41-45	GERMANY
	84-86	TAIWAN
	91-96	UNITED KINGDOM
15375	36-37	EGYPT
	71-77	RUSSIA
	80-81	SPAIN
	97-103	USA
15380	41-45	GERMANY
	54-56	JAPAN
	70-71	ROMANIA
	78	SAUDI ARABIA
	90	UNITED ARAB EMIRATES
	91-96	UNITED KINGDOM
15385	53-54	ITALY
	56	KAZAKHSTAN
	71-77	RUSSIA
	87-88	TURKEY
15390	28-29	CANADA
	41-45	GERMANY
	53-54	ITALY
	63	MOLDOVA
	70-71	ROMANIA
	82	SWEDEN
	91-96	UNITED KINGDOM
15395	54-56	JAPAN
	71-77	RUSSIA
	90	UNITED ARAB EMIRATES
	91-96	UNITED KINGDOM
	97-103	USA
15400	30-32	CHINA
	38	FINLAND
	51	IRAQ
	71-77	RUSSIA
	90	UNITED ARAB EMIRATES
	91-96	UNITED KINGDOM
	97-103	USA
15405	39-40	FRANCE
	70-71	ROMANIA
	71-77	RUSSIA
	97-103	USA
15410	24	AUSTRIA
	41-45	GERMANY
	54-56	JAPAN
	71-77	RUSSIA
	97-103	USA
15415	41-45	GERMANY
	61	LIBYA
	71-77	RUSSIA
15420	30-32	CHINA
	36-37	EGYPT
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
15425	23	AUSTRALIA
	28-29	CANADA
	39-40	FRANCE
	41-45	GERMANY
	71-77	RUSSIA
	81	SRI LANKA
	97-103	USA
15430	28-29	CANADA
	30-32	CHINA
	63	MEXICO
	78-79	SEYCHELLES
	81-82	SWAZILAND
	83	SWITZERLAND
	87-88	TURKEY
15435	30-32	CHINA
	39-40	FRANCE
	41-45	GERMANY
	56	JORDAN
	71-77	RUSSIA
	78	SAUDI ARABIA
	90	UNITED ARAB EMIRATES
	97-103	USA
15440	30-32	CHINA
	38	FINLAND
	71-77	RUSSIA
	97-103	USA
15445	30-32	CHINA
	38	FINLAND
	39-40	FRANCE
	66-67	PAKISTAN
	78-79	SEYCHELLES
	97-103	USA
15450	24	AUSTRIA
	61	LIBYA
	67-68	PHILIPPINES
	71-77	RUSSIA
15455	22	ARMENIA
	30-32	CHINA
	71-77	RUSSIA
15460	27	BULGARIA
	30-32	CHINA
	39-40	FRANCE
	91-96	UNITED KINGDOM
15465	67-68	PHILIPPINES
	71-77	RUSSIA
15470	41-45	GERMANY
	47-48	HOLLAND
	71-77	RUSSIA
	104	UZBEKISTAN
15475	21	ANTARCTICA
	71-77	RUSSIA
15480	52	ISRAEL
	71-77	RUSSIA
15485	22	ARMENIA
	39-40	FRANCE
15490	71-77	RUSSIA
	97-103	USA
15495	39-40	FRANCE
	59	KUWAIT
15500	71-77	RUSSIA
15505	83	SWITZERLAND
	97-103	USA
15510	22	ARMENIA
	23	AUSTRALIA
	71-77	RUSSIA
15515	39-40	FRANCE
	66-67	PAKISTAN
	69	PORTUGAL
	71-77	RUSSIA
15520	71-77	RUSSIA
15525	41-45	GERMANY
	53-54	ITALY
	71-77	RUSSIA
15530	23	AUSTRALIA
	39-40	FRANCE
	47-48	HOLLAND
	67-68	PHILIPPINES
15535	71-77	RUSSIA
15540	25-26	BELGIUM
	71-77	RUSSIA
15545	41-45	GERMANY
	71-77	RUSSIA
15550	66-67	PAKISTAN
	71-77	RUSSIA
	97-103	USA
15555	66-67	PAKISTAN
15560	47-48	HOLLAND
15566	97-103	USA
15570	71-77	RUSSIA
	104-105	VATICAN
15575	23	AUSTRALIA
	58-59	KOREAN REPUBLIC
	91-96	UNITED KINGDOM
15580	25	BELARUS
	71-77	RUSSIA
	89	UKRAINE
	97-103	USA
15585	71-77	RUSSIA
	104-105	VATICAN
15590	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
15595	39-40	FRANCE
	41-45	GERMANY
	71-77	RUSSIA
15600	30-32	CHINA
	97-103	USA
15605	34	CZECH REPUBLIC
	39-40	FRANCE
	79	SLOVAKIA
15610	97-103	USA
15615	52	ISRAEL
15630	46	GREECE
15635	83	SWITZERLAND
15640	52	ISRAEL
15650	46	GREECE
	52	ISRAEL
15665	97-103	USA
15675	66-67	PAKISTAN
15685	97-103	USA
15695	97-103	USA
15725	97-103	USA
17387	49	INDIA
17490	36	ECUADOR
17510	97-103	USA
17515	25-26	BELGIUM
	46	GREECE
	83	SWITZERLAND
17525	46	GREECE
	104-105	VATICAN
17530	66-67	PAKISTAN
17535	34	CZECH REPUBLIC
	46	GREECE
	79	SLOVAKIA
17540	66-67	PAKISTAN
17545	52	ISRAEL
17555	25-26	BELGIUM
	66-67	PAKISTAN
	97-103	USA
17560	39-40	FRANCE
	41-45	GERMANY
	71-77	RUSSIA
17565	71-77	RUSSIA
17570	71-77	RUSSIA
17575	39-40	FRANCE
17580	47-48	HOLLAND
	71-77	RUSSIA
17590	52	ISRAEL
	71-77	RUSSIA
17595	36-37	EGYPT
	64	MOROCCO
	69	PORTUGAL
17600	71-77	RUSSIA

17605	25	BELARUS
	47-48	HOLLAND
	56	KAZAKHSTAN
	71-77	RUSSIA
17610	71-77	RUSSIA
17612.5	97-103	USA
17620	39-40	FRANCE
	71-77	RUSSIA
17625	27	BULGARIA
17630	23	AUSTRALIA
	39-40	FRANCE
17635	71-77	RUSSIA
17640	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
17645	71-77	RUSSIA
	90	UNITED ARAB EMIRATES
	97-103	USA
17650	39-40	FRANCE
	97-103	USA
17655	47-48	HOLLAND
	71-77	RUSSIA
17660	71-77	RUSSIA
17665	71-77	RUSSIA
17670	23	AUSTRALIA
	36-37	EGYPT
	71-77	RUSSIA
17675	41-45	GERMANY
	71-77	RUSSIA
17680	30-32	CHINA
	69	PORTUGAL
	71-77	RUSSIA
17685	71-77	RUSSIA
17690	25	BELARUS
	36-37	EGYPT
17695	23	AUSTRALIA
	39-40	FRANCE
	47-48	HOLLAND
	71-77	RUSSIA
	91-96	UNITED KINGDOM
17700	71-77	RUSSIA
17705	22	ARMENIA
	27	BULGARIA
	30-32	CHINA
	33-34	CUBA
	49	INDIA
	66-67	PAKISTAN
	91-96	UNITED KINGDOM
	97-103	USA
17710	30-32	CHINA
	36-37	EGYPT
	71-77	RUSSIA
	97-103	USA
17715	23	AUSTRALIA
	29	CHILE
	41-45	GERMANY
	56	KAZAKHSTAN
	80-81	SPAIN
	91-96	UNITED KINGDOM
	97	UNITED NATIONS
	97-103	USA
17720	70-71	ROMANIA
	71-77	RUSSIA
	78	SAUDI ARABIA
	84-86	TAIWAN
	97-103	USA
17725	66-67	PAKISTAN
	89	UKRAINE
	97-103	USA
17730	56	KAZAKHSTAN
	71-77	RUSSIA
	97-103	USA
	104-105	VATICAN
17735	71-77	RUSSIA
	97-103	USA
17740	35	DENMARK
	54-56	JAPAN
	65-66	NORWAY
	71-77	RUSSIA
	78	SAUDI ARABIA
	91-96	UNITED KINGDOM
	97-103	USA
17745	20	ALGERIA
	28-29	CANADA
	36-37	EGYPT
	69	PORTUGAL
	70-71	ROMANIA
	71-77	RUSSIA
	104	UZBEKISTAN
17750	23	AUSTRALIA
	26	BRAZIL
	41-45	GERMANY
	71-77	RUSSIA
	78-79	SEYCHELLES
	84-86	TAIWAN
	91-96	UNITED KINGDOM
	97-103	USA
17755	30-32	CHINA
	71-77	RUSSIA
	80-81	SPAIN
	97-103	USA
17760	41-45	GERMANY
	67-68	PHILIPPINES
	71-77	RUSSIA
	78	SAUDI ARABIA
	90	UNITED ARAB EMIRATES
	91-96	UNITED KINGDOM
17765	41-45	GERMANY
	56	KAZAKHSTAN
	57-58	KOREAN PEOPLE'S DEMOCRATIC REPUBLIC
	63	MEXICO
	71-77	RUSSIA
	97-103	USA
17770	33-34	CUBA
	36-37	EGYPT
	48-49	HUNGARY
	65	NEW ZEALAND
	71-77	RUSSIA
	97-103	USA
17775	38	FINLAND
	39-40	FRANCE
	41-45	GERMANY
	70-71	ROMANIA
	71-77	RUSSIA
	78	SAUDI ARABIA
	97-103	USA
17780	41-45	GERMANY
	53-54	ITALY
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
17785	39-40	FRANCE
	49	INDIA
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
17790	29	CHILE
	36	ECUADOR
	70-71	ROMANIA
	91-96	UNITED KINGDOM
	97-103	USA
17795	23	AUSTRALIA
	39-40	FRANCE
	41-45	GERMANY
	53-54	ITALY
	71-77	RUSSIA
	97-103	USA
17800	29	CHILE
	36-37	EGYPT
	38	FINLAND
	39-40	FRANCE
	41-45	GERMANY
	53-54	ITALY
	66-67	PAKISTAN
	97-103	USA
17805	41-45	GERMANY
	49	INDIA
	63	MOLDOVA
	70-71	ROMANIA
	71-77	RUSSIA
	84-86	TAIWAN
	97-103	USA
17810	41-45	GERMANY
	54-56	JAPAN
	80	SOUTH AFRICA
	91-96	UNITED KINGDOM
17815	35	DENMARK
	41-45	GERMANY
	64	MOROCCO
	65-66	NORWAY
	70-71	ROMANIA
	71-77	RUSSIA
	80-81	SPAIN
17820	28-29	CANADA
	41-45	GERMANY
	54-56	JAPAN
	97-103	USA
17825	41-45	GERMANY
	90	UNITED ARAB EMIRATES
17830	49	INDIA
	90	UNITED ARAB EMIRATES
	91-96	UNITED KINGDOM
	97-103	USA
17835	41-45	GERMANY
	71-77	RUSSIA
17840	28-29	CANADA
	35	DENMARK
	65-66	NORWAY
	67-68	PHILIPPINES
	71-77	RUSSIA
	91-96	UNITED KINGDOM
17845	39-40	FRANCE
	41-45	GERMANY
	54-56	JAPAN
	78	SAUDI ARABIA
	84-86	TAIWAN
	97-103	USA
17850	28-29	CANADA
	39-40	FRANCE
	49	INDIA
	71-77	RUSSIA
	81	SRI LANKA
17855	30-32	CHINA
	71-77	RUSSIA
	90	UNITED ARAB EMIRATES
	97-103	USA
17860	35	DENMARK
	39-40	FRANCE
	41-45	GERMANY
	65-66	NORWAY
	71-77	RUSSIA
	91-96	UNITED KINGDOM

17865	35	DENMARK
	65-66	NORWAY
	90	UNITED ARAB EMIRATES
	97-103	USA
17870	24	AUSTRIA
	71-77	RUSSIA
	80-81	SPAIN
	82	SWEDEN
	97-103	USA
17875	28-29	CANADA
	41-45	GERMANY
	71-77	RUSSIA
	97-103	USA
17880	23	AUSTRALIA
	35	DENMARK
	65-66	NORWAY
	71-77	RUSSIA
	78	SAUDI ARABIA
	91-96	UNITED KINGDOM
17885	91-96	UNITED KINGDOM
17890	36	ECUADOR
	71-77	RUSSIA
	80-81	SPAIN
	90	UNITED ARAB EMIRATES
17895	28-29	CANADA
	35	DENMARK
	49	INDIA
	65-66	NORWAY
	66-67	PAKISTAN
	71-77	RUSSIA
	78	SAUDI ARABIA
	97-103	USA
17900	66-67	PAKISTAN
17910	56	KAZAKHSTAN
17940	51	IRAQ
18930	97-103	USA
21450	71-77	RUSSIA
21455	28-29	CANADA
	36	ECUADOR
	67-68	PHILIPPINES
	71-77	RUSSIA
21465	46	GREECE
	71-77	RUSSIA
	97	UNITED NATIONS
21470	91-96	UNITED KINGDOM
21475	66-67	PAKISTAN
	97-103	USA
21480	36	ECUADOR
	47-48	HOLLAND
	71-77	RUSSIA
21485	97-103	USA
21490	56	KAZAKHSTAN
	71-77	RUSSIA
	91-96	UNITED KINGDOM
	97-103	USA
21495	78	SAUDI ARABIA
21500	97-103	USA
21505	71-77	RUSSIA
21515	53-54	ITALY
	69	PORTUGAL
	104-105	VATICAN
21520	39-40	FRANCE
	66-67	PAKISTAN
	97-103	USA
21525	71-77	RUSSIA
	97-103	USA
21530	47-48	HOLLAND
21535	53-54	ITALY
21540	41-45	GERMANY
21545	28-29	CANADA
	71-77	RUSSIA
21550	38	FINLAND
	48-49	HUNGARY
	97-103	USA
21560	41-45	GERMANY
	53-54	ITALY
21565	71-77	RUSSIA
21570	71-77	RUSSIA
21580	39-40	FRANCE
	66-67	PAKISTAN
	67-68	PHILIPPINES
21585	71-77	RUSSIA
21590	47-48	HOLLAND
	71-77	RUSSIA
	91-96	UNITED KINGDOM
21595	23	AUSTRALIA
	35	DENMARK
	65-66	NORWAY
21600	41-45	GERMANY
	71-77	RUSSIA
21605	90	UNITED ARAB EMIRATES
21610	54-56	JAPAN
21615	71-77	RUSSIA
	97-103	USA
21620	39-40	FRANCE
21625	71-77	RUSSIA
21630	71-77	RUSSIA
	90	UNITED ARAB EMIRATES
21640	41-45	GERMANY
	54-56	JAPAN
	71-77	RUSSIA
	91-96	UNITED KINGDOM
21645	39-40	FRANCE
	71-77	RUSSIA
21650	41-45	GERMANY
21655	69	PORTUGAL
21660	91-96	UNITED KINGDOM
21665	70-71	ROMANIA
21670	71-77	RUSSIA
	78	SAUDI ARABIA
21675	28-29	CANADA
	90	UNITED ARAB EMIRATES
21680	41-45	GERMANY
21685	39-40	FRANCE
21690	53-54	ITALY
	71-77	RUSSIA
21695	41-45	GERMANY
21700	35	DENMARK
	54-56	JAPAN
	65-66	NORWAY
	90	UNITED ARAB EMIRATES
21705	34	CZECH REPUBLIC
	35	DENMARK
	65-66	NORWAY
	79	SLOVAKIA
21710	28-29	CANADA
21715	91-96	UNITED KINGDOM
21720	84-86	TAIWAN
	97-103	USA
21725	23	AUSTRALIA
	71-77	RUSSIA
21730	39-40	FRANCE
	66-67	PAKISTAN
	71-77	RUSSIA
	104-105	VATICAN
21735	49	INDIA
	90	UNITED ARAB EMIRATES
21740	23	AUSTRALIA
	71-77	RUSSIA
21745	71-77	RUSSIA
	97-103	USA
21750	71-77	RUSSIA
21770	71-77	RUSSIA
21785	71-77	RUSSIA
21790	71-77	RUSSIA
21795	71-77	RUSSIA
21800	89	UKRAINE
21810	25-26	BELGIUM
21815	25-26	BELGIUM
21820	71-77	RUSSIA
21825	71-77	RUSSIA
21830	71-77	RUSSIA
21840	71-77	RUSSIA
21845	71-77	RUSSIA
21850	104-105	VATICAN
25820	39-40	FRANCE
88.9MHz	91-96	UNITED KINGDOM
89.1MHz	41-45	GERMANY
90.2MHz	91-96	UNITED KINGDOM
94.85MHz	97-103	USA
95.7MHz	41-45	GERMANY
102.9MHz	97-103	USA

LONG WAVE STATIONS

ALGERIA
252kHz 1500kW (Radiodiffusion TV Algerienne)
BELARUS
171kHz 1000kW (Radio Minsk)
279kHz 500kW (Radio Minsk)
BULGARIA
261kHz 1000kW (Bulgarian Radio)
CZECH REPUBLIC
270kHz 1500kW (Radio Prague)
DENMARK
243kHz 300kW (Radio Denmark)
FRANCE
162kHz 2000kW (Radio France)
GERMANY
153kHz 500kW (Deutschlandfunk)
177kHz 750kW (DS Kultur,Berlin)
183kHz 2000kW (Europe No.1)
207kHz 500kW (Deutschlandfunk)
261kHz 200kW (Radio Volga)
LUXEMBOURG
234kHz 2000kW (Radio Luxembourg)
MONACO
216kHz 1400kW (Radio Monte Carlo)
MOROCCO
171kHz 1200kW (Radio Mediterranee Internationale)
207kHz 800kW (Radiodiffusion TV Marocaine)
NORWAY
216kHz 200kW (Radio Norway)
POLAND
198kHz 200kW (Warsaw III)
225kHz 2000kW (Warsaw I)
ROMANIA
153kHz 1200kW (Radio Bucharest)
RUSSIA
153kHz 300kW (Ufa)
153kHz 1000kW (Komsomolsk)
171kHz 1250kW (Moscow)
171kHz 2500kW (Kaliningrad)
171kHz 1000kW (Krasnodar)
189kHz 1000kW (Belogorsk)
234kHz 2000kW (Sankt-Peterburg)
234kHz 1200kW (Samara)
234kHz 1000kW (Magadan)
243kHz 1000kW (Vladivstok)
261kHz 2500kW (Moscow/Radio Rossii)
261kHz 1000kW (Chita)
279kHz 150kW (Yuzhno-Sakhalinsk)
SWEDEN
189kHz 300kW (Radio Sweden)
TURKEY
180kHz 1200kW (Ankara II)
198kHz 200kW (Ankara I)
243kHz 200kW (Eruzurum I)
UKRAINE
207kHz 500kW (Ukrainian Radio)
UNITED KINGDOM
198kHz 500kW (BBC)

MEDIUM WAVE STATIONS

AFGHANISTAN (Kabul)
1107kHz 1000kW (Radio Afghanistan)
ALBANIA (Tirana)
1215kHz 500kW (Radio Tirana, Foreign Service)
1395kHz 1000kW (Radio Tirana)
1458kHz 500kW (Radio Tirana, Foreign Service)
ALGERIA (Alger)
891kHz 600kW (Radiodiffusion Algerienne)
981kHz 600kW (Radiodiffusion Algerienne)
ANGOLA (Luanda)
1088kHz 100kW (Radio Nacional de Angola)
ARGENTINA (Buenos Aires)
590kHz 25kW (Radio Continental)
630kHz 25kW (Radio Rivadavia)
710kHz 25kW (Radio Municipal de la Ciudad)
790kHz 50kW (Radio Mitre)
870kHz 100kW (Radio Nacional)
910kHz 25kW (Radio Excelsior)
950kHz 100kW (Radio Belgrano)
990kHz 50kW (Radio Splendid)
1030kHz 25kW (Radio del Plata)
1070kHz 100kW (Radio El Mundo)
1110kHz 20kW (Radio Argentina)
1270kHz 50kW (Radio Provincia)
1350kHz 10kW (Radio del Pueblo)
AUSTRALIA
(Canberra)
846kHz 10kW (2CY,ABC)
1053kHz 5kW (2CA)
1206kHz 5kW (2CC)
1440kHz 2kW (2CN,ABC)
(Melbourne)
621kHz 50kW (3AR,ABC)
774kHz 50kW (3LO,ABC)
1026kHz 5kW (3DR)
1179kHz 5kW (3KZ)
1224kHz 5kW (3EA,Ethnic Radio)
1278kHz 5kW (3AW)
1422kHz 5kW (3XY)
(Sydney)
576kHz 50kW (2FC,ABC)
702kHz 50kW (2BL,ABC)
873kHz 5kW (2GB)
1017kHz 5kW (2KY)
1107kHz 5kW (2UW)
1170kHz 5kW (2CH)
1386kHz 5kW (2EA,Ethnic Radio)
AUSTRIA (Vienna)
585kHz 600kW (Austrian Radio)
1476kHz 600kW (Austrian Radio)
BANGLADESH (Dhaka)
693kHz 1000kW (Radio Bangladesh I)
819kHz 100kW (Radio Bangladesh II)
BELARUS (Minsk)
549kHz 1000kW (Radio Minsk)
873kHz 150kW (Radio Minsk)
BELGIUM (Brussels)
540kHz 150kW (Belgian Radio,Dutch II)
621kHz 300kW (Belgian Radio,French)
927kHz 150kW (Belgian Radio,Dutch I)
BOSNIA HERCEGOVINA (Sarajevo)
612kHz 600kW (Radio Sarajevo)
BOTSWANA (Gaborone)
972kHz 50kW (Radio Botswana)
BRAZIL (Brasilia)
980kHz 300kW (Radio Nacional)
BULGARIA (Sofia)
828kHz 60kW (Bulgarian Radio II)
1161kHz 60kW (Bulgarian Radio I)
1224kHz 500kW (Radio Sofia,Foreign Service)
CAMBODIA (Phnom Penh)
740kHz 120kW (National Voice of Cambodia)
CAMEROON (Yaounde)
900kHz 20kW (Radio Yaounde)
999kHz 10kW (Radio Yaounde)
CANADA
(Montreal)
600kHz 5kW (CFCF)
690kHz 50kW (CBF)
730kHz 50kW (CKAC)
800kHz 10kW (CJAD)
850kHz 50kW (CKVL)
940kHz 50kW (CBM)
980kHz 10kW (CKGM)
1280kHz 50kW (CJMS)
1410kHz 10kW (CFMB)
1470kHz 10kW (CKO)
1570kHz 50kW (CKLM)
(Ottawa)
540kHz 50kW (CJSB)
580kHz 50kW (CFRA)
920kHz 50kW (CBO)
1150kHz 50kW (CJRC)
1250kHz 50kW (CBOF)
1310kHz 50kW (CKOY)
1440kHz 50kW (CFGO)
(Toronto)
590kHz 10kW (CKEY)
680kHz 50kW (CFTR)
740kHz 50kW (CBL)
860kHz 50kW (CJBC)
1010kHz 50kW (CFRB)
1050kHz 50kW (CHUM)
1430kHz 50kW (CJCL)
1540kHz 50kW (CHIN)
(Vancouver)
600kHz 10kW (CJOR)
690kHz 50kW (CBU)
730kHz 50kW (CKLG)
980kHz 50kW (CKNW)
1130kHz 50kW (CKWX)
1320kHz 50kW (CHQM)
1410kHz 50kW (CFUN)
1470kHz 50kW (CJBV)
CHILE (Santiago)
570kHz 50kW (Radio Agricultura)
660kHz 50kW (Radio Chilera)
760kHz 75kW (Radio Cooperativa)
1060kHz 100kW (Radio Mineria)
1140kHz 100kW (Radio Nacional)
1180kHz 50kW (Radio Diego Portales)
1380kHz 50kW (Radio Colo Colo)
CHINA (Beijing)
639kHz (China National Radio I)
720kHz (China National Radio II)
828kHz (Beijing Broadcasting Station I)
927kHz (Beijing Broadcasting Station II)
1026kHz (Beijing Broadcasting Station III)
1251kHz (China Radio International)
1476kHz (Beijing Broadcasting Station IV)
COLOMBIA (Bogota)
570kHz 100kW (Radio Nacional)
810kHz 250kW (Radio Sutatenza)

CONGO (Brazzaville)
1476kHz 20kW (Radio Congo)
CROATIA (Zagreb)
1134kHz 1200kW (Hrvatska Radio)
CUBA (La Havana)
550kHz 75kW (CMBA,Radio Rebelde)
640kHz 50kW (CMBC,Radio Liberacion)
690kHz 50kW (CMBB,Radio Progreso)
CZECH REPUBLIC (Prague)
639kHz 1500kW (Czech Radio)
792kHz 40kW (Czech Radio)
954kHz 200kW (Czech Radio)
1287kHz 400kW (Radio Free Europe)
DENMARK (Copenhagen)
1062kHz 250kW (Radio Denmark)
ECUADOR (Quito)
615kHz 50kW (Emisora Gran Colombia)
640kHz 50kW (Radio Nacional)
690kHz 50kW (La Voz de los Andes)
760kHz 25kW (Radio Quito)
EGYPT (Cairo)
558kHz 40kW (Egyptian Radio III)
711kHz 100kW (Egyptian Radio I)
774kHz 500kW (Radio Cairo,Foreign Service)
819kHz 50kW (Egyptian Radio V)
1071kHz 60kW (Egyptian Radio II)
1107kHz 600kW (Radio Cairo,Foreign Service)
1341kHz 100kW (Egyptian Radio IV)
ESTONIA (Tallinn)
612kHz 100kW (Estonian Radio)
1035kHz 150kW (Estonian Radio)
ETHIOPIA (Addis Ababa)
873kHz 100kW (Voice of Ethiopia)
FINLAND (Helsinki)
558kHz 50kW (Radio Finland)
FRANCE (Paris)
585kHz 10kW (Radio France-Inter-Paris)
783kHz 5kW (Radio France Internationale)
864kHz 300kW (Radio France-ROM)
963kHz 10kW (Sorbonne Radio France)
GERMANY
549kHz 200kW (Deutschlandfunk,Köln)
567kHz 100kW (Sender Freies Belrin,Belrin)
576kHz 300kW (SüddeutscherRundfunk, Stuttgart)
594kHz 1000kW (Hessicher Rundfunk Frankfurt am Main)
657kHz 250kW (DT64,Berlin)
666kHz 300kW (Südwestfunk,Baden-Baden)
720kHz 200kW (Westdeutscher Rundfunk,Köln)
756kHz 800kW (Deutschlandfunk,Köln)
783kHz 250kW (Mitteldeutscher Rundfunk, Halle)
792kHz (Sachsenradio,Leipzig)
801kHz 550kW (Bayerischer Rundfunk,München)
855kHz 100kW (RIAS,Berlin)
873kHz 150kW (American Forces, Frankfurt am Main)
936kHz 100kW (Radio Bremen,Bremen)
972kHz 300kW (Norddeutscher Rundfunk, Hamburg)
990kHz 300kW (RIAS,Berlin)
1017kHz 600kW (Südwestfunk,Baden-Baden)
1089kHz (Thüringen eins,Weimar)
1197kHz 300kW (Voice of America,München)
1269kHz 600kW (Deutschlandfunk,Köln)
1323kHz 1000kW (Radio Moscow, Wachenbrunn)
1359kHz 250kW (Antenne Brandenburg,Berlin)
1422kHz 1200kW (Saarländischer Rundfunk)
1431kHz (Sachsenradio,Dresden)
1539kHz 700kW (Deutschlandfunk,Köln)
1593kHz 800kW (Westdeutscher Rundfunk,Köln)
GREECE (Athens)
666kHz 15kW (Hellenic Radio III)
729kHz 150kW (Hellenic Radio I)
981kHz 200kW (Hellenic Radio IV)
1386kHz 50kW (Hellenic Radio II)
HOLLAND (Amsterdam)
675kHz 120kW (Nederlandse Omroep Zender)
747kHz 400kW (Nederlandse Omroep Zender)
1008kHz 400kW (Nederlandse Omroep Zender)
HONG KONG
567kHz 20kW (Radio Hong Kong,English)
675kHz 10kW (London BBC,English)
783kHz 20kW (Radio Hong Kong,Chinese)
864kHz 10kW (Commercial Radio Hong Kong, English)
1044kHz 10kW (Metro Plus)
1251kHz 10kW (British Forces,English)
HUNGARY (Budapest)
540kHz 2000kW (Magyar Radio)
INDIA (New Delhi)
819kHz 100kW (All India Radio I)
1017kHz 20kW (All India Radio II)
1071kHz 1000kW (All India Radio, Foreign Service)
1134kHz 1000kW (All India Radio, Foreign Service)
1215kHz 10kW (All India Radio IV)
1368kHz 10kW (All India Radio III)
INDONESIA (Jakarta)
999kHz 300kW (Radio Republik Indonesia)
1332kHz 10kW (Radio Republik Indonesia)
IRAN (Tehran)
1188kHz 100kW (Iranian Radio I)
1332kHz 100kW (Iranian Radio II)
IRAQ (Baghdad)
756kHz 300kW (Baghdad I)
909kHz 300kW (Baghdad II)
1035kHz 1000kW (Voice of Youth)
IRELAND (Dublin)
567kHz 500kW (Radio Telefis Eireann)
ITALY (Rome)
846kHz 540kW (RAI II)
1107kHz 6kW (RAI III)
1332kHz 300kW (RAI I)
JAPAN (Tokyo)
594kHz 300kW (JOAK,Nippon Hoso Kyoukai I)
693kHz 500kW (JOAB,Nippon Hoso Kyoukai II)
810kHz 50kW (American Forces)
954kHz 100kW (JOKR,Tokyo Broadcasting System)
1134kHz 100kW (JOQR,Cultural Broadcasting Company)
1242kHz 100kW (JOLF,Nippon Broadcasting System)
1422kHz 50kW (JORF,Radio Nippon)
KENYA (Nairobi)
612kHz 100kW (KBC, Swahili)
746kHz 100kW (KBC, English)
KOREAN PEOPLE'S DEMOCRATIC REPUBLIC (Pyongyang)
621kHz 1000kW (Korean Central Broadcasting Station,Foreign Service)
657kHz 1500kW (Radio Pyongyang)
1080kHz 1500kW (Korean Central Broadcasting Station)
KOREAN REPUBLIC (Seoul)
549kHz 5kW (American Forces)
603kHz 500kW (HLSA,Korean Broadcasting System II)
711kHz 500kW (HLKA,Korean Broadcasting System I)
792kHz 50kW (HLKJ,Seoul Broadcasting System)
837kHz 50kW (HLKY,Christian Broadcasting System)
900kHz 50kW (HLKV,Cultural Broadcasting Company)
972kHz 1500kW (Korean Broadcasting System,Social Education)
1170kHz 500kW (Radio Korea,Foreign Service)
KUWAIT (Kuwait)
540kHz 600kW (Radio Kuwait)
1134kHz 10kW (Radio Kuwait)
1341kHz 10kW (Radio Kuwait)
LATVIA (Riga)
576kHz 500kW (Latvian Radio)
LEBANON (Beirut)
836kHz 100kW (Radio Lebanon I)
999kHz 10kW (Radio Lebanon II)
LESOTHO (Maseru)
891kHz 100kW (Radio Lesotho)
LIBYA (Tripoli)
1053kHz 50kW (Libyan Jamahiriyah Broadcasting)
1251kHz 500kW (Libyan Jamahiriyah Broadcasting)
LITHUANIA (Vilnius)
666kHz 500kW (Lithuanian Radio)
LUXEMBOURG
1440kHz 1200kW (Radio Luxembourg, Foreign Service)
MACEDONIA (Skopje)
810kHz 1000kW (Radio Skopje)
MADAGASCAR (Antananarivo)
630kHz 150kW (Radio Malagasy)
MALAYSIA (Kuala Lumpur)
594kHz 200kW (Radio TV Malaysia,Malay)
720kHz 200kW (Radio TV Malaysia,Chinese/ Tamil)
882kHz 200kW (Radio TV Malaysia,English)
MALTA (Valletta)
999kHz 5kW (Radio Malta)
MEXICO (Mexico City)
690kHz 20kW (XEN,Radio Mundo)
730kHz 100kW (XEX,La Voz de Mexico)
760kHz 20kW (XEABC,Radio International)
900kHz 250kW (XEW,La Voz de la America)
940kHz 150kW (XEQ,La Q de Mexico)
1000kHz 50kW (XEOY,Radio Mil)
1110kHz 50kW (XERED,Radio Red)
1220kHz 100kW (XEB,La Grande B)
MOLDOVA (Chisinau)
594kHz 1000kW (Radio Moscow, Mayak)
873kHz 150kW (Radio Nationala)
999kHz 1000kW (Radio Nationala)
MONACO (Monte Carlo)
702kHz 300kW (Trans World Radio/Riviera Radio)
1467kHz 1000kW (Radio Monte Carlo/Trans World Radio)
MONGOLIA (Ulaanbaatar)
990kHz 150kW (Radio Ulaanbaatar)
MONSERRAT
930kHz 200kW (Radio Antilles)
MOROCCO (Rabat)
819kHz 25kW (Radiodiffusion TV Marocaine I)
1026kHz 1kW (Radiodiffusion TV Marocaine II)
NEW ZEALAND (Wellington)
567kHz 50kW (2YA,Radio New Zealand)
657kHz 60kW (2YC,Radio New Zealand)
891kHz 5kW (2XW,Radio Windy)
1035kHz 20kW (2ZB,Radio New Zealand)
1161kHz 2kW (2ZM,Radio New Zealand)
1503kHz 5kW (2XG,Radio Rhema)
NIGERIA (Lagos)
918kHz 50kW (Radio Lagos)
1089kHz 20kW (Radio Nigeria)
NORWAY (Oslo)
1314kHz 1200kW (Norsk Rikskringkasting)

PAKISTAN (Islamabad)

585kHz	1000kW	(Pakistan Broadcasting Corporation)
1260kHz	300kW	(Pakistan Broadcasting Corporation)

PHILIPPINES (Manila)

702kHz	40kW	(DZAS,Far East Broadcasting Company)
846kHz	50kW	(DWRV,Radio Veritas Asia)
918kHz	50kW	(DZRP,Radio Pilipinas)
1008kHz	25kW	(DXXX,Kanlaon Broadcasting System)
1143kHz	1000kW	(Voice of America)
1386kHz	50kW	(DWKW,Intercontinental Broadcasting Corporation)
1458kHz	250KW	(DWRF,Far East Broadcasting Company,Foreign Service)

POLAND (Warsaw)

819kHz	300kW	(Polskie Radio)

PORTUGAL (Lisbon)

666kHz	135kW	(Radio Portugal)
756kHz	135kW	(Radio Commercial)

ROMANIA (Bucharest)

603kHz	50kW	(Radio Romana II)
756kHz	400kW	(Radio Bucharest/ Voice of America)
855kHz	1500kW	(Radio Romana I)

RUSSIA (Moscow)

549kHz	100kW	(Radio Mayak)
612kHz	50kW	(Radio Raduga)
738kHz	7kW	(Radio Orfey)
792kHz	5kW	(Radio Moscow,Youth)
846kHz	50kW	(Radio Radonezh/Rossii)
873kHz	150kW	(Radio Rossii)
918kHz	75kW	(Voice of America/ Radio Moscow International)
963kHz	15kW	(Radio Nostalgie)
1116kHz	50kW	(Radio Europe Plus)
1152kHz	50kW	(Radio Moscow)
1206kHz	10kW	(Echo Moskvy)
1233kHz		(Radio 101)
1260kHz	10kW	(BBC,London/SNC)
1305kHz	10kW	(Radio Vozrozhdeniye)
1332kHz		(Radio Moscow International)
1359kHz	150kW	(Radio Orfey)
1440kHz	7kW	(Centre/Rezonans/Nadezhda/ Galaxy)
1539kHz		(Radio Delovaya Volna)

SAUDI ARABIA (Riyadh)

585kHz	1200kW	(Broadcasting Service of the Kingdom of Saudi Arabia)

SENEGAL (Dakar)

765kHz	300kW	(Radio Senegal)
1305kHz	20kW	(Senegal Inter)

SEYCHELLES (Mahe)

1368kHz	50kW	(Seychelles Broadcasting Corporation)

SINGAPORE

630kHz	50kW	(Singapore Broadcasting Corporation,English)
675kHz	50kW	(Singapore Broadcasting Corporation,Chinese)
792kHz	750kW	(Singapore Broadcasting Corporation)
990kHz	50kW	(Singapore Broadcasting Corporation,Malay)
1368kHz	50kW	(Singapore Broadcasting Corporation,Tamil)

SLOVAKIA (Bratislava)

702kHz	400kW	(Slovak Radio)

SLOVENIA (Ljubljana)

918kHz	600kW	(Radio Slovenia)
1170kHz	300kW	(Radio Capodistria)

SOUTH AFRICA (Johannesburg)

1287kHz	5kW	(Radio Zulu)

SPAIN (Madrid)

585kHz	600kW	(Radio Nacional)
810kHz	20kW	(Radio Madrid)
918kHz	20kW	(Radio Intercontinental)
954kHz	20kW	(Radio España)
999kHz	50kW	(Radio Popular Madrid)

SRI LANKA (Colombo)

702kHz	25kW	(Sri Lanka Broadcasting Corporation,Sinhala)
873kHz	20kW	(Sri Lanka Broadcasting Corporation,English)
882kHz	400kW	(Trans World Radio,Foreign Service)

SWEDEN (Stockholm)

1179kHz	600kW	(Radio Sweden,Foreign Service)

SWITZERLAND (Berne)

531kHz	500kW	(Swiss Broadcasting Corporation,German)
558kHz	300kW	(Swiss Broadcasting Corporation,Italian)
765kHz	600kW	(Swiss Broadcasting Corporation,French)

TAIWAN (Taipei)

576kHz	10kW	(International Community Radio in Taipei,English)
594kHz		(Fu Hsing Broadcasting Corporation)
657kHz	20kW	(Broadcasting Corporation of China I)
747kHz		(Fu Hsing Broadcasting Corporation)
954kHz	20kW	(Broadcasting Corporation of China II)
1089kHz	5kW	(Fu Hsing Broadcasting Corporation)
1134kHz	5kW	(Civil Defence Broadcasting Station)
1152kHz	5kW	(Youth Broadcasting Station)
1260kHz	10kW	(Police Broadcasting Station)
1458kHz	10kW	(Broadcasting Corporation of China III)

TANZANIA (Dar es Salaam)

531kHz	10kW	(Radio Tanzania)
657kHz	50kW	(Radio Tanzania)

THAILAND (Bangkok)

819kHz	10kW	(Radio Thailand III)
846kHz	10kW	(Radio Thailand II)
891kHz	1000kW	(Radio Thailand I)
927kHz		(Radio Thailand,Foreign Service)
1575kHz	1000kW	(Voice of Free Asia/ Voice of America)

TUNISIA (Tunis)

630kHz	600kW	(Radio Tunisia,Arabic)
963kHz	200kW	(Radio Tunisia,French)

UKRAINE (Kiev)

1242kHz	150kW	(Ukrainian Radio)

UNITED ARAB EMIRATES

729kHz	1500kW	(Voice of the United Arab Emirates,Abu Dhabi)
1251kHz	600kW	(Radio & Colour TV Dubai,Dubai)
1481kHz	1500kW	(Radio & Colour TV Dubai,Dubai)

UNITED KINGDOM (London)

558kHz	1kW	(Spectrum Radio)
909kHz	150kW	(BBC News&Sport)
1089kHz	150kW	(BBC I)
1152kHz	25kW	(Forum Radio)
1215kHz	50kW	(Virgin Radio)
1458kHz	50kW	(Sunrise Radio)
1548kHz	100kW	(Capital Gold)

USA

(Chicago)

560kHz	5kW	(WIND)
670kHz	50kW	(WMAQ)
720kHz	50kW	(WGN)
780kHz	50kW	(WBBM)
820kHz	5kW	(WSCR)
890kHz	50kW	(WLS)
950kHz	1kW	(WJPC)
1000kHz	50kW	(WMVP)
1110kHz	5kW	(WMBI)
1160kHz	50kW	(WJJD)
1200kHz	10kW	(WOPA)
1240kHz	1kW	(WCRW)
1240kHz	1kW	(WEDC)
1240kHz	1kW	(WSBC)
1390kHz	5kW	(WGCI)
1470kHz	1kW	(WMPP)
1600kHz	1kW	(WCGO)

(Dallas)

570kHz	5kW	(KLIF)
1040kHz	1kW	(KGGR)
1080kHz	50kW	(KRLD)
1190kHz	50kW	(KGBS)
1310kHz	5kW	(KICK)

(Denver)

560kHz	5kW	(KLI)
630kHz	5kW	(KHOW)
710kHz	5kW	(KNUS)
850kHz	50kW	(KOA)
910kHz	5kW	(KPOF)
950kHz	5kW	(KYGO)
990kHz	5kW	(KRKS)
1220kHz	0.66kW	(KBNO)
1280kHz	5kW	(KXKL)
1390kHz	5kW	(KJME)

(Detroit)

760kHz	50kW	(WJR)
950kHz	5kW	(WWJ)
1130kHz	50kW	(WDFN)
1270kHz	5kW	(WXYT)
1400kHz	1kW	(WQBH)
1500kHz	50kW	(WLQV)

(Honolulu)

590kHz	7.5kW	(KSSK)
650kHz	10kW	(KHNR)
690kHz	10kW	(KQMQ)
760kHz	10kW	(KGU)
830kHz	10kW	(KHVH)
870kHz	50kW	(KAIM)
990kHz	5kW	(KIKI)
1040kHz	5kW	(KLHT)
1080kHz	5kW	(KWAI)
1170kHz	5kW	(KOHO)
1210kHz	1kW	(KZOO)
1270kHz	5kW	(KNDI)
1420kHz	5kW	(KCCN)
1460kHz	5kW	(KULA)
1500kHz	10kW	(KUMU)
1540kHz	5kW	(KISA)

(Houston)

610kHz	5kW	(KILT)
740kHz	50kW	(KTRH)
790kHz	5kW	(KKBQ)
850kHz	10kW	(KEYH)
950kHz	5kW	(KPRC)
1010kHz	5kW	(KLAT)
1070kHz	10kW	(KENR)
1230kHz	0.41kW	(KNUZ)
1320kHz	5kW	(KXYZ)

1430kHz	5kW	(KCOH)
1590kHz	5kW	(KYOK)
(Jacksonville)		
600kHz	5kW	(WOKV)
690kHz	50kW	(WPDQ)
930kHz	5kW	(WNZS)
970kHz	1kW	(WVOJ)
1050kHz	5kW	(WROS)
1200kHz	1kW	(WJAX)
1280kHz	5kW	(WSVE)
1320kHz	5kW	(WQIK)
1360kHz	5kW	(WCGL)
1400kHz	1kW	(WZAZ)
1460kHz	5kW	(WZNZ)
1530kHz	50kW	(WCRJ)
(Los Angeles)		
570kHz	5kW	(KLAC)
640kHz	50kW	(KFI)
710kHz	50kW	(KMPC)
790kHz	5kW	(KABC)
930kHz	5kW	(KKHJ)
980kHz	5kW	(KFWB)
1020kHz	50kW	(KTNQ)
1070kHz	50kW	(KNX)
1150kHz	5kW	(KIIS)
1230kHz	1kW	(KGFJ)
1330kHz	5kW	(KWKW)
1540kHz	50kW	(KXED)
(New York)		
710kHz	50kW	(WOR)
770kHz	50kW	(WABC)
820kHz	10kW	(WNYC)
880kHz	50kW	(WCBS)
1010kHz	50kW	(WINS)
1050kHz	50kW	(WEVD)
1130kHz	50kW	(WBBR)
1190kHz	10kW	(WLIB)
1230kHz	5kW	(WADO)
1330kHz	5kW	(WWRV)
1380kHz	5kW	(WKDH)
1480kHz	5kW	(WZRC)
1560kHz	50kW	(WQEW)
1600kHz	5kW	(WWRL)
(Philadelphia)		
560kHz	5kW	(WPHY)
610kHz	5kW	(WIP)
860kHz	10kW	(WTEL)
900kHz	1kW	(WURD)
950kHz	5kW	(WPEN)
990kHz	50kW	(WZZD)
1060kHz	50kW	(KYW)
1210kHz	50kW	(WOGL)
1340kHz	1kW	(WHAT)
1480kHz	5kW	(WDAS)
1540kHz	50kW	(WPGR)
(San Francisco)		
560kHz	5kW	(KSFO)
610kHz	5kW	(KFRC)
680kHz	50kW	(KNBR)
740kHz	50kW	(KCBS)
810kHz	50kW	(KGO)
1010kHz	10kW	(KIQI)
1100kHz	50kW	(KFAX)
1260kHz	5kW	(KOIT)
1450kHz	1kW	(KEST)
1550kHz	10kW	(KPIX)
(Seattle)		
570kHz	5kW	(KVI)
710kHz	50kW	(KIRO)
770kHz	1kW	(KULL)
950kHz	5kW	(KJR)
1000kHz	50kW	(KOMO)
1050kHz	5kW	(KBLE)
1090kHz	50kW	(KING)
1150kHz	5kW	(KEZX)
1250kHz	5kW	(KKDZ)
1300kHz	5kW	(KMPS)
1590kHz	5kW	(KZOK)
(Washington D.C.)		
630kHz	5kW	(WMAL)
980kHz	5kW	(WWRC)
1120kHz	20kW	(WUST)
1260kHz	5kW	(WWDC)
1340kHz	1kW	(WYCB)
1450kHz	1kW	(WOL)
1500kHz	50kW	(WTOP)
VATICAN		
526kHz	5kW	(Vatican Radio)
1530kHz	600kW	(Vatican Radio, Foreign Service)
1611kHz	15kW	(Vatican Radio)
VIETNAM (Hanoi)		
680kHz		(Voice of Vietnam)
1010kHz		(Voice of Vietnam,Foreign Service)
1240kHz		(Voice of Vietnam)
YUGOSLAVIA (Belgrade)		
684kHz	2000kW	(Radio Beograd I)
1008kHz	200kW	(Radio Beograd II)
1350kHz	10kW	(Studio Beograd I)
1503kHz	10kW	(Radio Beograd 202)

FM STATIONS

ARGENTINA (Buenos Aires)		
91.9MHz	20kW	(Radio Municipal)
94.3MHz	20kW	(Radio El Mundo)
95.1MHz	25kW	(Radio del Plata)
95.9MHz	100kW	(Radio Splendid)
99.1MHz	5kW	(Radio Nacional)
103.1MHz	100kW	(Radio Rivadavia)
105.5MHz	25kW	(Radio Continental)
AUSTRALIA		
92.3MHz	10kW	(FM Radio,Melbourne)
92.9MHz	50kW	(ABC,Sydney)
101.9MHz	50kW	(ABC,Canberra)
104.9MHz	50kW	(Stereo FM,Sydney)
105.7MHz	50kW	(ABC,Melbourne)
AUSTRIA (Vienna)		
92.0MHz	100kW	(Austrian Radio I)
97.9MHz	100kW	(Austrian Radio, Regional Service)
99.9MHz	100kW	(Austrian Radio III)
BANGLADESH (Dhaka)		
100.0MHz	2kW	(Radio Bangladesh)
104.0MHz	1kW	(Radio Bangladesh)
BELARUS (Minsk)		
70.43MHz		(Radio Minsk)
71.33MHz		(Radio Mayak)
72.11MHz		(Radio Minsk)
72.99MHz		(Radio Moscow)
BELGIUM (Brussels)		
88.5MHz	50kW	(German Network)
89.5MHz	50kW	(Dutch Network III)
91.2MHz	10kW	(French Network II)
91.7MHz	50kw	(Dutch Network I)
93.2MHz	10kw	(French Network I)
93.7MHz	50kw	(Dutch Network II)
96.1MHz	10kw	(French NetworkIII)
101.7MHz	1kW	(American Forces)
BOSNIA HERCEGOVINA (Sarajevo)		
89.3MHz	100kW	(Radio Sarajevo I)
97.0MHz	100kW	(Radio Sarajevo II)
BRAZIL (Brasilia)		
96.9MHz		(Radio Nacional)
BULGARIA (Sofia)		
67.28MHz	10kW	(Bulgarian Radio I)
69.26MHz	10kW	(Bulgarian Radio II)
71.45MHz	2kW	(Bulgarian Radio III)
CANADA		
(Montreal)		
92.5MHz	41kW	(CFQR)
93.5MHz	24kW	(CBM-FM)
94.3MHz	41kW	(CKMF)
95.9MHz	41kW	(CJFM)
97.7MHz	41kW	(CHOM)
100.7MHz	100kW	(CBF-FM)
102.3MHz	36kW	(CINQ)
104.5MHz	0.01kW	(CIBL)
107.3MHz	100kW	(CITE)
(Ottawa)		
93.1MHz	12kW	(CKCU)
93.9MHz	95kW	(CFMO)
102.5MHz	70kW	(CBOF-FM)
103.3MHz	70kW	(CBO-FM)
105.3MHz	74kW	(CKBY)
106.1MHz	100kW	(CHEZ)
106.9MHz	100kW	(CKO-FM-1)
(Toronto)		
91.1MHz	40kW	(CJRT)
94.1MHz	55kW	(CBL-FM)
98.1MHz	44kW	(CHEI)
99.1MHz	100kW	(CKO-FM-2)
99.9MHz	40kW	(CKFM)
100.7MHz	4kW	(CHIN-FM)
104.5MHz	400kW	(CHUM-FM)
107.1MHz	40kW	(CILQ)
(Vancouver)		
92.1MHz	100kW	(CJAZ)
96.1MHz	100kW	(CKO-FM-4)
97.7MHz	50kW	(CBUF)
99.3MHz	100kW	(CFOX)
101.9MHz	0.019kW	(CITR)
102.7MHz	5.5kW	(CFRO)
103.5MHz	100kW	(CHQM-FM)
105.7MHz	100kW	(CBU-FM)
CHILE (Santiago)		
88.1MHz	10kW	(Radio Chilena)
89.7MHz	10kW	(Radio Gelaxia)
91.3MHz	10kW	(Radio El Conquistador)
92.1MHz	10kW	(Radio San Cristobal)
95.3MHz	10kW	(Radio La Clave)
99.3MHz	10kW	(Radio Carolina)
100.1MHz	10kW	(Radio Infinita)
101.7MHz	10kW	(Radio Concierto)

CHINA (Beijing)

91.55MHz		(China National Radio III)
95.6MHz		(China National Radio I)
98.2MHz		(China Radio International)

COLOMBIA (Bogota)

88.9MHz		(Radio Super)
89.9MHz		(Radio El Mundo)
90.9MHz		(Radio Melodia)
91.9MHz		(Emissora Javerina)
92.9MHz		(Smart 70)
93.9MHz		(La Voz de los Cerros)
96.9MHz		(Melodia Estereo)
97.9MHz		(Musicar)
98.9MHz		(Radio Nacional)
99.9MHz		(Caracol Estereo)
104.1MHz		(Radio Sutatenza)
106.9MHz		(Radio Fantasia)

CROATIA (Zagreb)

88.1MHz	5kW	(Zagreb Radio)
92.1MHz	120kW	(Hrvatska Radio I)
98.5MHz	120kW	(Hrvatska Radio II)
101.0MHz	120kW	(Hrvatska Radio III)

CZECH REPUBLIC (Prague)

66.83MHz	60kW	(Czech Radio)
68.96MHz	60kW	(Czech Radio)
70.85MHz	60kW	(Czech Radio)

DENMARK (Copenhagen)

90.8MHz	60kW	(Radio Denmark I)
93.85MHz	60kW	(Radio Denmark III)
96.5MHz	60kW	(Radio Denmark II)

ECUADOR (Quito)

89.3MHz		(La Vos de los Andes)
90.5MHz		(Emissora Gran Colombia)
98.9MHz		(Radio Colon)
102.5MHz		(La Vos de los Andes)
103.0MHz		(Radio Casa de la Cultura)

EGYPT (Cairo)

89.5MHz		(Egyptian Radio,Music)
95.4MHz		(Egyptian Radio)

ESTONIA (Tallinn)

71.0MHz		(Estonian Radio)

FINLAND (Helsinki)

91.9MHz	60kW	(Radio Finland,Finnish II)
94.0MHz	60kW	(Radio Finland,Finnish I)
98.8MHz	60kW	(Radio Finland,Swedish)

FRANCE (Paris)

87.8MHz	10kW	(Radio France-Inter)
90.4MHz	10kW	(Radio France-Inter-Paris)
90.4MHz	10kW	(Radio Nostalgic)
91.7MHz	10kW	(Radio France-Musique)
93.5MHz	10kW	(Radio France-Culture)
96MHz	40kW	(Skyrock)
100.7MHz		(Radio Notre-Dame)
101.1MHz		(Radio Classique)
103MHz	10kW	(Radio Monte Carlo)
103MHz	10kW	(Nouvelle Radio Jeune)
103.5MHz	10kW	(Europe 1)
104.3MHz		(Radio Tele Luxembourg)
104.7MHz		(Europe 1)
105.9MHz	10kW	(M40)

GERMANY

87.6MHz	70kW	(Norddeutscher Rundfunk, Hamburg II)
88.0MHz	100kW	(Saarländischer Rundfunk,Saar I)
88.3MHz	100kW	(Radio Bremen II)
88.4MHz	25kW	(Bayerischer Rundfunk, München II)
88.75MHz	80kW	(Sender Freies Berlin I)
88.8MHz	100kW	(Westdeutscher Rundfumk,Köln I)
89.1MHz	1kW	(Deutschlandfunk,Boon)
89.3MHz	80kW	(Hessicher Rundfunk,Frankfurt am Main III)
89.6MHz	30kW	(RIAS,Berlin I)
89.9MHz	30kW	(Südwestfunk, Baden-Baden III)
89.95MHz	25kW	(Bayerischer Rundfunk. München IV)
90.1MHz	100kW	(Süddeutscher Rundfunk, Stuttgart II)
90.2MHz	50kW	(BBC Berlin Relay)
90.3MHz	70kW	(Norddeutscher Rundfunk, Hamburg I)
90.4MHz		(Radio Sachsen Anhalt,Leipzig)
91.3MHz	25kW	(Bayerischer Rundfunk, München I)
91.3MHz	100kW	(Saarländischer Rundfunk,Saar II)
91.4MHz		(Berliner Rundfunk)
92.0MHz	60kW	(Südwestfunk, Baden-Baden II)
92.2MHz	100kW	(Süddeutscher Rundfunk, Stuttgart III)
92.2MHz		(Sachsenradio,Dresden)
92.4MHz	80kW	(Sender Freies Berlin II)
93.0MHz	80kW	(British Forces, Braunschweig)
93.3MHz		(Thüringen eins,Weimar)
93.6MHz	3kW	(French Forces,Berlin)
93.6MHz	100kW	(Radio Bremen I)
93.9MHz		(Sachsenradio,Leipzig)
94.3MHz	50kW	(RIAS,Barlin II)
94.4MHz	80kW	(Hessicher Rundfunk,Frankfnrt am Main I)
94.7MHz	100kW	(Süddeutscher Rundfunk, Stuttgart I)
95.1MHz		(Sorbischer Rundfunk,Cottbus)
95.1MHz	100kW	(Westdeutscher Rundfunk,Köln III)
95.5MHz	100kW	(Saarländischer Rundfunk,Saar III)
96.3MHz	80kW	(Sender Freies Berlin III)
96.7MHz	25kW	(Radio Bremen III)
96.7MHz	80kW	(Hessicher Rundfunk,Frankfurt am Main II)
97.3MHz	25kW	(Bayerischer Rundfunk, München III)
98.2MHz	8kW	(Sender Freies Berlin IV)
98.7MHz	60kW	(American Forces,Frankfurt am Main)
99.1MHz	60kW	(Südwestfunk, Baden-Baden I)
99.2MHz	70kW	(Norddeutscher Rundfunk, Hamburg III)
99.2MHz	100kW	(Wastdeutscher Rundfunk,Köln II)
99.7MHz	100kW	(Antenne Brandenburg,Berlin)
102.4MHz		(Jugendradio DT64,Dresden)
102.6MHz		(Jugendradio DT64,Berlin)

GREECE (Athens)

91.6MHz	10kW	(Hellenic Radio I)
93.6MHz	10kW	(Hellenic Radio III)
95.6MHz	10kW	(Hellenic Radio II)

HOLLAND (Amsterdam)

92.6MHz	100kW	(NOZEMA II)
95.2MHz	1kW	(Radio Noord)
96.8MHz	100kW	(NOZEMA III)
98.9MHz	100kW	(NOZEMA IV)
100.1MHz	100kW	(NOZEMA I)

HONG KONG

88.1MHz	1kW	(Commercial Radio Hong kong I)
90.3MHz	1kW	(Commercial Radio Hong Kong II)
92.6MHz	1kW	(Radio Hong Kong I)
94.8MHz	1kW	(Radio Hong Kong II)
97.6MHz	1kW	(Radio Hong Kong IV)
97.9MHz	1kW	(Radio Hong Kong III)
99.7MHz	1kW	(Metro Hit Radio)
102.0MHz	0.01kW	(British Forces)
104.0MHz	1kW	(Metro FM Select)

HUNGARY (Budapest)

66.62MHz		(Magyar Radio I)
67.4MHz		(Magyar Radio II)
69.3MHz		(Magyar Radio III)

INDIA (New Delhi)

107.1MHZ	15kW	(All India Radio,New Delhi)
107.1MHz	15kW	(All India Radio,Bombay)
107.1MHz	15kW	(All India Radio,Calcutta)
107.1MHz	15kW	(All India Radio,Madras)

INDONESIA (Jakarta)

93.0MHz		(Radio Republik Indonesia III)
100.0MHz		(Radio Republik Indonesia I)
104.0MHz		(Radio Republik Indonesia II)
105.0MHz		(Radio Republik Indonesia IV)

IRAN (Tehran)

91.3MHz	10kW	(Iranian Radio I)
93.7MHz	10kW	(Iranian Radio II)
97.7MHz	10kW	(Iranian Radio Arabic)
100.7MHz	10kW	(Radio Tehran)

ITALY (Rome)

89.7MHz	21kW	(RAI I)
91.7MHz	21kW	(RAI II)
93.7MHz	21kW	(RAI III)
100.3MHz	28kW	(RAI Stereo)

JAPAN (Tokyo)

80.0MHz	10kW	(Tokyo FM)
81.3MHz	10kW	(FM JAPAN)
82.5MHz	10kW	(Nippon Hoso Kyokai)

KOREAN PEOPLES DEMOCRATIC REPUBLIC (Pyongyang)

92.5MHz	1kW	(Pyongyang FM,Kaesong)
105.2MHz	20kW	(Pyongyang FM,Pyongyang)

KOREAN REPUBLIC (Seoul)

89.1MHz	1kW	(Korean Broadcasting System, FM II)
89.5MHz		(Korean Forces)
93.1MHz	10kW	(Korean Broadcasting System, FM I)
95.1MHz	5kW	(Traffic Broadcasting System)
101.7MHz	1kW	(Korean Broadcasting System I)
101.9MHz	5kW	(Buddhist Broadcasting System)
102.7MHz	5kW	(Americam Forces)
103.7MHz		(Korean Broadcasting System, Social Education)
104.5MHz	5kW	(Korean Broadcasting System, Education)
105.3MHz	5kW	(Radio Pacis)

KUWAIT (Kuwait)

98.8MHz		(Radio Kuwait)

LATVIA (Riga)

68.15MHz	30kW	(Latvian Radio)

LEBANON (Beirut)

96.2MHz	12kW	(Radio Lebanon)

LIBYA (Tripoli)

88.5MHz		(Libyan Jamahiriyan Broadcasting)

LITHUANIA (Vilnius)

67.94MHz	0.2kW	(Radiocentras)
69.8MHz	12kW	(Lithuanian Radio)

LUXEMBOURG (Luxembourg)

88.9MHz	100kW	(Radio Luxembourg)
92.5MHz	100kW	(Radio Luxembourg)
97.0MHz	100kW	(Radio Luxembourg)

MALAYSIA (Kuala Lumpur)

92.8MHz	10kW	(Radio TV Malaysia)
95.0MHz	10kW	(Radio TV Malaysia,Stereo)

MALTA (Valletta)

102.3MHz	4kW	(Radio Malta)

MONACO (Monte Carlo)

90.3MHz	80kW	(Radio Monte Carlo)
93.5MHz	80kW	(Radio Monte Carlo)
95.4MHz	80kW	(Radio Monte Carlo)
98.5MHz	80kW	(Radio Monte Carlo)
102.85MHz	80kW	(Radio Monte Carlo)

MOROCCO (Rabat)

87.9MHz	39kW	(Radiodiffusion TV Marocaine, French)
92.1MHz	39kW	(Radiodiffusion TV Marocaine, Arabic)

NEW ZEALAND (Wellington)

89.0MHz	40kW	(Radio New Zealand)

NIGERIA (Lagos)

92.93MHz	0.1kW	(Radio Nigeria I)
97.66MHz	0.1kW	(Radio Nigeria II)

NORWAY (Oslo)

88.65MHz	100kW	(Norsk Rikskringkasting I)
99.95MHz	100kW	(Norsk Rikskringkasting II)

PAPUA NEWGUINEA (Port Moresby)

100.3MHz	1kW	(National Broadcasting Commision)

PHILIPPINES (Manila)

91.5MHz	10kW	(DWMM)
92.3MHz	10kW	(DWFM)
94.7MHz	10kW	(DWLL)
98.7MHz	10kW	(DZFE)
99.5MHz	10kW	(DWRT)
101.9MHz	10kW	(DWWK)

POLAND (Warsaw)

67.94MHz	100kW	(Polskie Radio IV)
69.2MHz	100kW	(Polskie Radio II)
71.45MHz	100kW	(Polskie Radio III)

PORTUGAL (Lisbon)

94.3MHz	22kW	(Radio Portugal II)
95.7MHz	44kW	(Radio Portugal I)
97.4MHz	22kW	(Radio Comercial Estereo)

ROMANIA (Bucharest)

98.3MHz	1kW	(Radio Romania)

RUSSIA (Moscow)

66.44MHz		(Radio Moscow)
66.84MHz		(Radio Moscow,Youth)
67.22MHz		(Radio Mayak)
69.80MHz		(Radio Europe Plus)
71.33MHz		(M-Radio)
72.14MHz		(Radio Orfey)
72.92MHz		(Radio Moscow)
73.38MHz		(Radio 7)
101.2MHz		(Radio 101)
102.8MHz		(Radio Roks)
103.7MHz		(Radio Maximum)

SAUDI ARABIA (Riyadh)

98.0MHz	1kW	(Broadcasting Service of the Kingdom of Saudi Arabia)

SINGAPORE

88.9MHz	5kW	(London BBC,English)
92.4MHz	10kW	(Singapore Broadcasting Corporation,English)
94.2MHz	10kW	(Singapore Broadcasting Corporation,Malay &Tamil)
95.8MHz	10kW	(Singapore Broadcasting Corporation,Chinese)

SLOVAKIA (Bratislava)

67.76MHz	60kW	(Czechslovak Radio)
68.84MHz	60kW	(Slovak Radio II)
71.12MHz	60kW	(Slovak Radio I)
96.6MHz	60kW	(Rock FM Radio)
99.3MHz	60kW	(Slovak Radio III)

SLOVENIA (Ljubljana)

89.3MHz		(Radio Student)
102.4MHz		(Radio Glas)

SOUTH AFRICA (Johannesburg)

88.4MHz		(Radio Sesotho)
91.5MHz		(Radio Zulu)
94.0MHz		(Highveld Stereo)
96.4MHz		(Radio Metro)
98.0MHz		(Radio 5)
99.7MHz		(Radio 2000)
101.5MHz		(Radio Suid Afrika)
105.1MHz		(Radio South Africa)

SPAIN (Madrid)

91.5MHz		(Radio Nacional Culture)
92.4MHz		(Radio Nacional Music)

SRI LANKA (Colombo)

88.3MHz		(Sri Lanka Broadcasting Corporation II)
93.3MHz		(Sri Lanka Broadcasting Corporation,English)
98.3MHz		(Sri Lanka Broadcasting Corporation I)

SWAZILAND (Mbabane)

93.0MHz	10kW	(Swaziland Broadcasting Service)

SWEDEN (Stockholm)

89.65MHz	0.9kW	(relays Radio Sweden Foreign Service)
92.4MHz	60kW	(Sveriges Radio I)
96.2MHz	60kW	(Sveriges Radio II)
99.3MHz	60kW	(Sveriges Radio III)

SWITZERLAND (Berne)

95.4MHz	58kW	(Swiss Broadcasting Corporation II)
99.9MHz	58kW	(Swiss Broadcasting Corporation I)

TAIWAN (Taipei)

96.2MHz		(Broadcasting Corporation of China,Music)
100.1MHz		(International Community Radio in Taipei)
103.3MHz		(Broadcasting Corporation of China I)
104.9MHz		(Police Broadcasting Station)
105.9MHz		(Broadcasting Corporation of China II)
106.5MHz		(Military Broadcasting Station)
107.9MHz		(Broadcasting Corporation of China,News)

THAILAND (Bangkok)

88.0MHz		(Radio Thailand)
95.3MHz		(Radio Thailand,Music)
95.5MHz		(Radio Thailand,Music)
97.0MHz		(Radio Thailand,Foreign Service)
105.0MHz		(Radio Thailand)

TUNISIA (Tunis)

88.6MHz	1kW	(Radio Tunisia,Arabic)
98.2MHz	1kW	(Radio Tunisia,French)

TURKEY (Ankara)

88.0MHz	30kW	(Turkish Radio)
91.2MHz	60kW	(Turkish Radio)
94.5MHz		(Ankara Polis)
95.5MHz		(Turkish Polis)
100.0MHz		(Power FM)

UKRAINE

68.5MHz		(Ukrainian Radio I)
71.3MHz		(Ukrainian Radio II)

UNITED ARAB EMIRATES (Abu Dhabi)

89.0MHz	1kW	(Voice of the United Arab Emirates)
93.5MHz	2kW	(Capital Radio)

UNITED KINGDOM (London)

89.1MHz	250kW	(BBC II)
91.3MHz	250kW	(BBC III)
93.5MHz	250kW	(BBC IV)
94.9MHz	4kW	(BBC Local)
97.3MHz	4kW	(97.3FM)
98.8MHz	125kW	(BBC I)
100.0MHz	2kW	(Kiss 100FM)
100.9MHz	250kW	(Classic FM)
102.2MHz	2kW	(Jazz FM)
104.9MHz	2kW	(Melody Radio)

USA

(Chicago)

88.1MHz	0.1kW	(WCRX)
88.1MHz	0.01kW	(WSSD)
88.3MHz	0.1kW	(WZRD)
88.3MHz	0.15kW	(WXAV)
88.5MHz	0.1kW	(WHPK)
88.7MHz	0.1kW	(WLUW)
88.9MHz	0.017kW	(WOUI)
89.3MHz	0.25kW	(WKKC)
90.1MHz	100kW	(WMBI)
90.5MHz	0.008kW	(WCYC)
90.7MHz	0.007kW	(WBHI)
91.5MHz	8.3kW	(WBEZ)
93.1MHz	6.7kW	(WXRT)
93.9MHz	4kW	(WILT)
94.7MHz	4.4kW	(WLS)
95.5MHz	8.3kW	(WNUA)
96.3MHz	4.2kW	(WBBM)
97.1MHz	8.4kW	(WNIB)
97.9MHz	6kW	(WLUP)
98.7MHz	15.5kW	(WFMT)
99.5MHz	8.3kW	(WUSN)
100.3MHz	8.3kW	(WPNT)
101.1MHz	6kW	(WKQX)
103.5MHz	4.3kW	(WWBZ)
104.3MHz	4.1kW	(WJMK)
107.5MHz	33kW	(WGCI)

(Dallas)

89.3MHz	55kW	(KNON)
90.1MHz	95kW	(KERA)
90.9MHz	98kW	(KCBI)
91.7MHz	100kW	(KVTT)
92.5MHz	96kW	(KZPS)
93.3MHz	0.033kW	(KRSM)
97.9MHz	99kW	(KRRW)
98.7MHz	98kW	(KLUV)
100.3MHz	89kW	(KJMZ)
101.1MHz	98kW	(WRR)
102.9MHz	99kW	(KDMX)
104.5MHz	98kW	(KKDA)
105.3MHz	100kW	(KYNG)

(Denver)

89.3MHz	22.5kW	(KUVO)
90.1MHz	44kW	(KCFR)
95.7MHz	100kW	(KHIH)
98.5MHz	100kW	(KYGO)
99.5MHz	100kW	(KVOD)
100.3MHz	97kW	(KMJI)
101.1MHz	100kW	(KOSI)
103.5MHz	100kW	(KOAQ)
105.1MHz	100kW	(KXKL)
105.9MHz	99kW	(KALC)
106.7MHz	100kW	(KBPI)

(Detroit)

90.9MHz	42kW	(WDTR)
92.3MHz	50kW	(WMXD)
93.1MHz	26.5kW	(WLTI)
95.5MHz	100kW	(WKQI)
96.3MHz	20kW	(WHYT)
97.1MHz	12kW	(WJOI)
97.9MHz	50kW	(WJLB)
98.7MHz	50kW	(WLLZ)
99.5MHz	21kW	(WYCD)
101.1MHz	27kW	(WRIF)
101.9MHz	79kW	(WDET)
103.5MHz	50kW	(WMUZ)
104.3MHz	190kW	(WOMC)
105.1MHz	20kW	(WQRS)
105.9MHz	20kW	(WJZZ)
106.7MHz	61kW	(WWWW)
107.5MHz	50kW	(WGPR)

(Honolulu)

88.1MHz	27kW	(KHPR)
89.3MHz	3.3kW	(KIPO)
90.3MHz	0.1kW	(KTUH)
93.1MHz	54kW	(KQMQ)
93.9MHz	100kW	(KIKI)
94.7MHz	100kW	(KUMU)
95.5MHz	99kW	(KAIM)
97.5MHz	80kW	(KPOI)
98.5MHz	51kW	(KKLV)
100.3MHz	100kW	(KCCN)
105.1MHz	100kW	(KINE)

(Houston)

88.7MHz	100kW	(KUHF)
90.1MHz	99kW	(KPFT)
90.9MHz	18.5kW	(KTSU)
91.7MHz	50kW	(KTRU)
93.7MHz	100kW	(KKRW)
94.5MHz	95kW	(KLDE)
95.7MHz	95kW	(KIKK)
96.5MHz	97kW	(KHMX)
97.9MHz	95kW	(KBXX)
99.1MHz	95kW	(KODA)
100.3MHz	95kW	(KILT)
101.1MHz	95kW	(KLOL)
102.1MHz	100kW	(KMJQ)
102.9MHz	100kW	(KQUE)
104.1MHz	95kW	(KRBE)
105.7MHz	100kW	(KHCB)

(Jacksonville)

88.1MHz	1kW	(WNCM)
88.7MHz	8kW	(WJFR)
89.9MHz	97kW	(WJCT)
90.9MHz	50kW	(WKTZ)
95.1MHz	100kW	(WAPE)
96.1MHz	100kW	(WEJZ)
96.9MHz	98kW	(WKQL)
99.1MHz	98kW	(WQIK)
102.9MHz	98kW	(WIVY)
107.3MHz	100kW	(WROO)

(Los Angeles)

88.9MHz	2.9kW	(KXLU)
90.7MHz	110kW	(KPFK)
91.5MHz	25kW	(KUSC)
92.3MHz	42kW	(KKBT)
93.1MHz	28.5kW	(KCBS)
93.9MHz	18.5kW	(KZLA)
94.7MHz	55kW	(KTWV)
95.5MHz	61kW	(KLOS)
96.3MHz	54kW	(KFSG)
97.1MHz	21kW	(KLSX)
98.7MHz	75kW	(KYSR)
99.5MHz	30kW	(KKLA)
100.3MHz	5.3kW	(KXEZ)
101.1MHz	51kW	(KRTH)
102.7MHz	8kW	(KIIS)
103.5MHz	12.5kW	(KOST)
104.3MHz	78kW	(KBIG)
105.1MHz	18kW	(KKGO)
105.9MHz	25kW	(KPWR)
107.5MHz	29.5kW	(KLVE)

(New York)

89.1MHz	8.3kW	(WNYU)
89.9MHz	0.63kW	(WKCR)
90.3MHz	0.008kW	(WHCR)
90.7MHz	50kW	(WFUV)
92.3MHz	7.6kW	(WXRK)
93.9MHz	5.4kW	(WNYC)
95.5MHz	6.7kW	(WPLJ)
96.3MHz	7.8kW	(WQXR)
97.1MHz	6.7kW	(WQHT)
97.9MHz	7.8kW	(WSKQ)
98.7MHz	5.9kW	(WRKS)
99.5MHz	5.4kW	(WBAI)
101.1MHz	6.8kW	(WCBS)
101.9MHz	5.3kW	(WQCD)
102.7MHz	7.8kW	(WNEW)
104.3MHz	7.8kW	(WAXQ)
105.1MHz	6kW	(WMXV)
106.7MHz	7.8kW	(WLTW)
107.5MHz	5.4kW	(WBLS)

(Philadelphia)

88.1MHz	0.002kW	(WPEB)
88.5MHz	2.8kW	(WXPN)
90.1MHz	12kW	(WRTI)
90.9MHz	13.5kW	(WHYY)
91.7MHz	0.11kW	(WKDU)
92.5MHz	15.5kW	(WXTU)
93.3MHz	29kW	(WMMR)
94.1MHz	16kW	(WYSP)
95.7MHz	50kW	(WFLN)
96.5MHz	17kW	(WWDB)
98.1MHz	12.5kW	(WOGL)
98.9MHz	18kW	(WUSL)
101.1MHz	14kW	(WBEB)
102.1MHz	27kW	(WIOQ)
102.9MHz	8.5kW	(WMGK)
104.5MHz	16kW	(WYXR)
105.3MHz	16.5kW	(WDAS)
106.1MHz	22.5kW	(WJJZ)

(San Francisco)

88.5MHz	110kW	(KQED)
89.5MHz	0.27kW	(KPOO)
90.3MHz	2.85kW	(KUSF)
91.7MHz	1.9kW	(KALW)
93.3MHz	50kW	(KYCY)
94.9MHz	30kW	(KSAN)
95.7MHz	6.9kW	(KPIX)
96.5MHz	33kW	(KOIT)
97.3MHz	82kW	(KRQR)
98.1MHz	100kW	(KABL)
98.9MHz	6kW	(KSRY)
99.7MHz	40kW	(KFRC)
101.3MHz	125kW	(KIOI)
102.1MHz	33kW	(KDFC)
103.7MHz	7.8kW	(KKSF)
104.5MHz	7.9kW	(KFOG)
105.3MHz	15kW	(KITS)
106.1MHz	69kW	(KMEL)
106.9MHz	80kW	(KEAR)

(Seattle)

89.5MHz	30kW	(KNHC)
90.3MHz	0.4kW	(KCMU)
93.3MHz	99kW	(KUBE)
94.1MHz	57kW	(KMPS)
94.9MHz	100kW	(KUOW)
95.7MHz	100kW	(KLTX)
96.5MHz	100kW	(KXRX)
98.1MHz	57kW	(KING)
98.9MHz	96kW	(KEZX)
99.9MHz	100kW	(KISW)
100.7MHz	100kW	(KIRO)
101.5MHz	99kW	(KPLZ)
102.5MHz	100kW	(KZOK)
107.7MHz	100kW	(KNDD)

(Washington D.C.)

88.5MHz	50kW	(WAMU)
89.3MHz	50kW	(WPFW)
90.1MHz	6.8kW	(WDCU)
90.9MHz	75kW	(WETA)
93.9MHz	24kW	(WKYS)
96.3MHz	24kW	(WHUR)
97.1MHz	26kW	(WASH)
98.7MHz	50kW	(WMZQ)
99.5MHz	22kW	(WGAY)
100.3MHz	36kW	(WBIG)
101.1MHz	22.5kW	(WWDC)
103.5MHz	44kW	(WGMS)
107.3MHz	34kW	(WRQX)

VATICAN

93.3MHz	10kW	(Vatican Radio)
96.3MHz	10kW	(Vatican Radio)
103.8MHz	10kW	(Vatican Radio)
105.0MHz	10kW	(Vatican Radio)

VENEZUELA (Caracas)

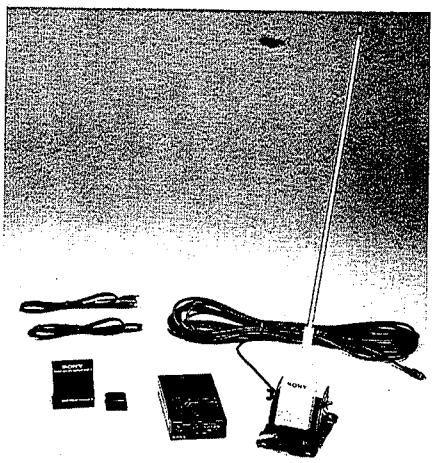
97.7MHz		(La Emisora Cultural)
99.1MHz		(Radio Rumbos)

YUGOSLAVIA (Belgrade)

88.9MHz	10kW	(Radio Beograd I)
92.5MHz	1kW	(Youth Radio)
94.9MHz	10kW	(Studio Beograd II)
99.1MHz	10kW	(Studio Beograd I)
101.4MHz	100kW	(Music Radio)

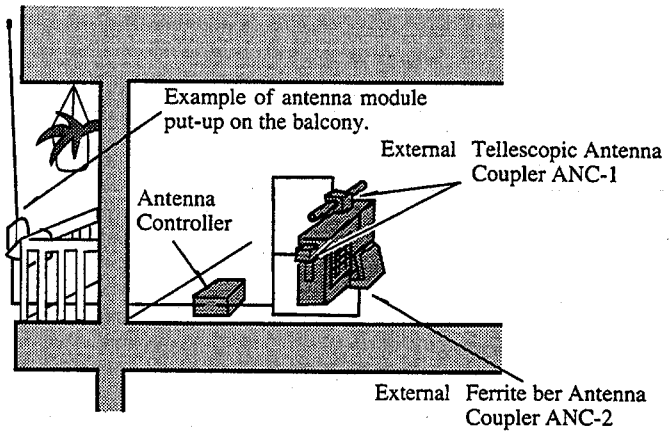
Sony Antenna

●Model AN-1



Model AN-1 ANTENNA is an ideal antenna for listeners who are not able to use longwire antenna. It's characteristics are:1) Signal to noise ratio and interferance prevention feature are supub.2) Wide reception coverage from LW~SW gives to listeners opportunity.3) It is compact and easy to put-up and also. The antenna module is made completely water-free.

Examples of use :



Please use coupler in accordance with the type of reception band and receiver. Please note that ANC-1 and ANC-2 can not be used simultaneously.

WAVE HANDBOOK

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